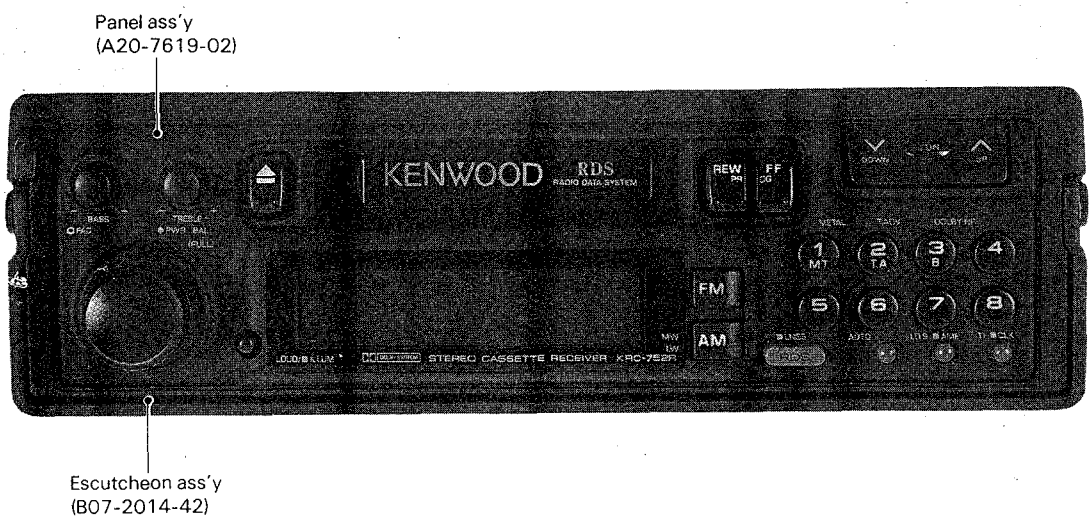
STEREO CASSETTE RECEIVER

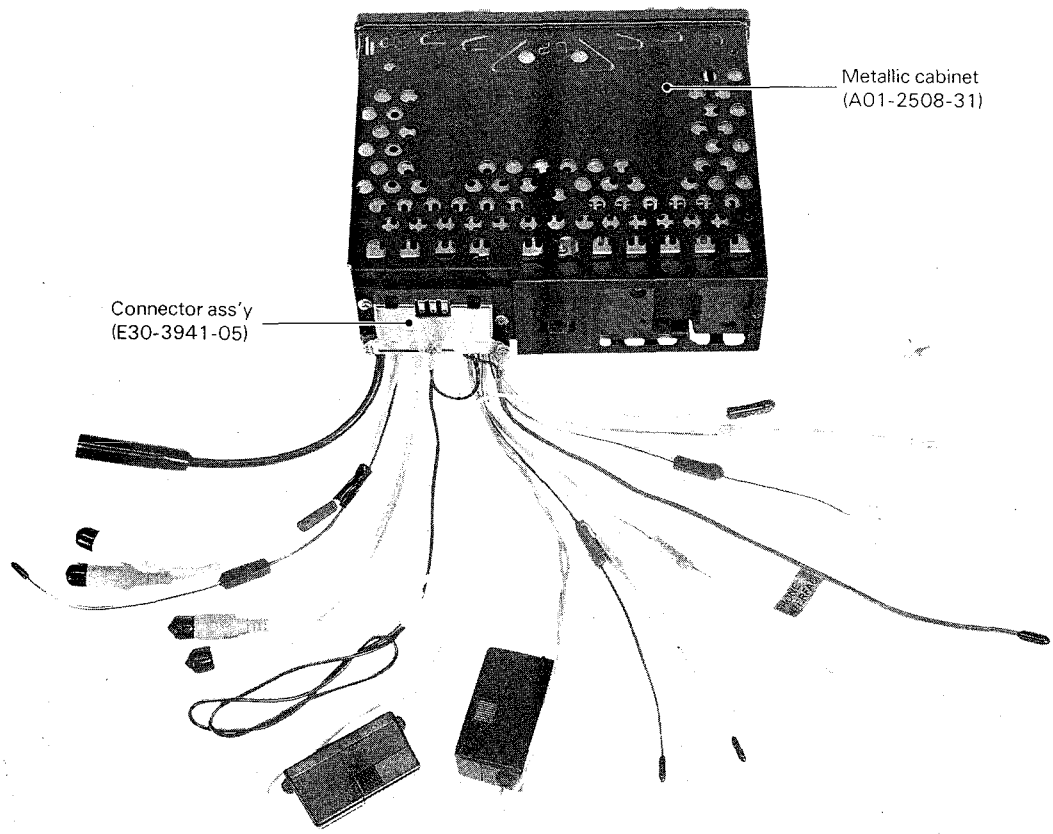
KRC-752R

SERVICE MANUAL

KENWOOD

B51-6277-00(B)1607

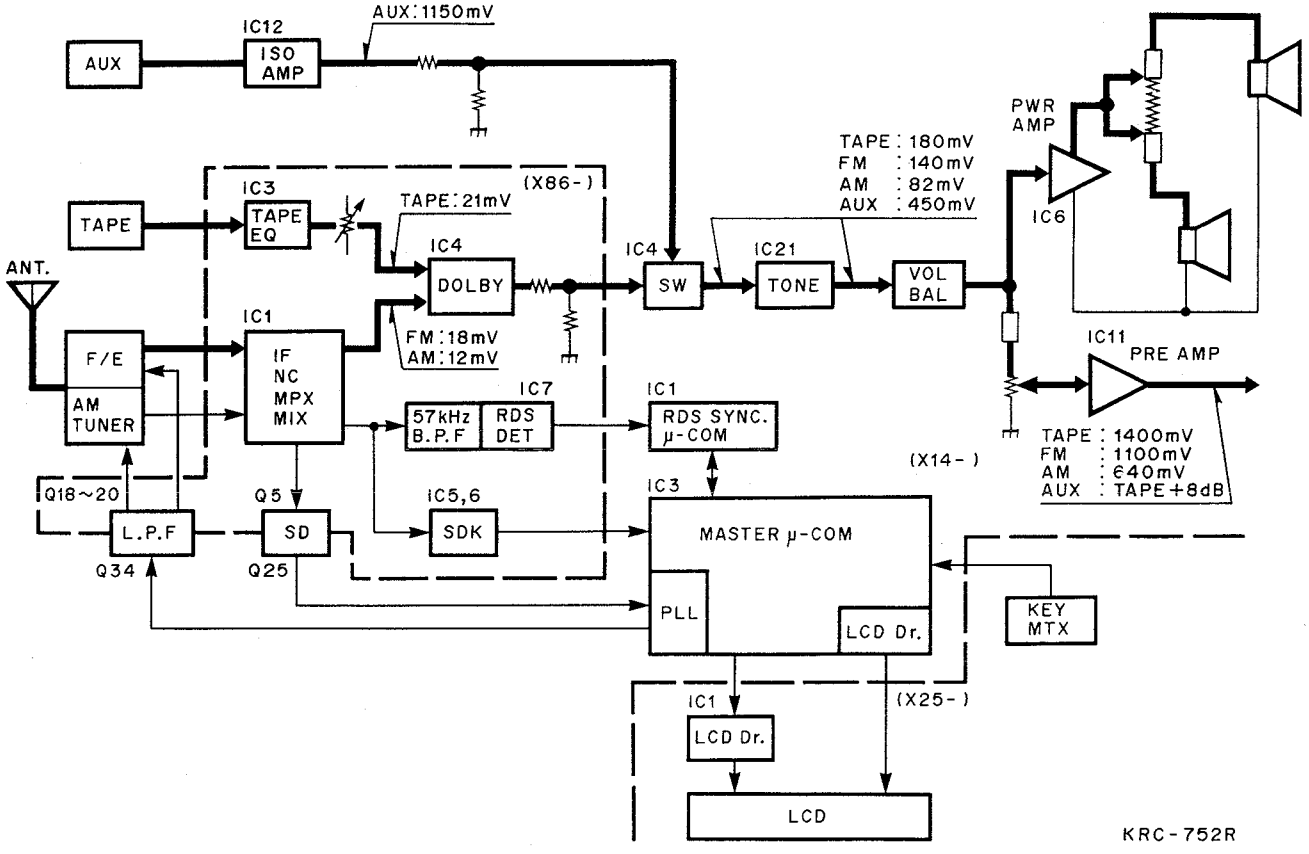




KRC-752R

CONTENTS

BLOCK LEVEL DIAGRAM



CIRCUIT DESCRIPTION

Description of Components

Synthesizer Unit (X14-3052-70)

Ref. No.	Components	Use/Function	Operation/Condition
IC1	LC6543H-4600	Sync μ-COM	Applies synchronization to RDS data, and outputs the data according to the format.
IC2	BA3906-V1	Power Supply IC	8.3 V regulated voltage supply for audio and tuner circuitry. 5.6 V regulated voltage supply for logic circuit. Controls MUTING according to the voltage applied to the STBY terminal of pin 8.
IC3	17005GF-566-3B9	μ-com	Controls the mechanisms, PLL and display. Inputs key data.
IC4	TC4066BF	Analog SW	Switches between DOLBY IC OUT and AUX signals.
IC5	S-2914AI10	Memory	Stores μ-Com data in BU modes.
IC6	TA8215H	PWR AMP	
IC11	NJM4565M	BUFF AMP	Preamp for rear.
IC12	M5280FP	Isolation Amp IC	Isolation amp for AUX IN.
IC, 13, 14	NJM4565M	BUFF AMP	Buffer amp for detection of EXT. MUTE signal.
IC21	NJM4565L	BUFF AMP	Buffer amp for tone.
Q1, 2	2SD1757K	LOUDNESS SW	
Q3,4	2SD1757K	AUDIO MUTE SW	
Q5, 6	2SD1757K	VOL BOOST SW	
Q7, 8	2SK433 (D,E)	Power Amp Input BUFF	
Q20	DTC124EK	FM LO/DX SW	
Q21	DTA124EK	AM MW/LW SW	
Q22	DTC124EK		
Q23	DTA124EK	AM AGC CUT SW	
Q24	DTC124EK		
Q25	2SC2412K	AM SD INV	
Q31	DTC144EK	SK Inhibit	
Q32	DTC124EK	FM 5V SW	
Q33	DTA124EK		
Q34	2SK669	PLL, LPF	
Q40	DTC114EK	T-ADV Plunger Drive SW	
Q41	2SA1428		
Q42	DTC124EK	FM/AM Power SW	
Q43	DTA124 EK	PWR ON 5V SW	
Q44	DTC124EK		
Q45	DTA124EK	Acc Voltage and B-up	
Q46	2SC2412K	Voltage Detect	
Q47	DTC124EK	AUX P-CON INV.	
Q48	2SB822F	P-CON Circuit	
Q49	2SA1037K		
Q50	DTA124EK		
Q51	2SC2412K		
Q52	DTC144EK	P-CON Control when Acc is OFF or PWR is OFF	
Q53	DTC144EK	PR AMP STBY Control when Acc is OFF or PWR is OFF	
Q54, 55	DTC124EK	Signal SW	Switches between DOLBY IC OUT/AUX.
Q56, 57	DTD123YK	DIMMER SW	

CIRCUIT DESCRIPTION

Ref. No.	Components	Use/Function	Operation/Condition
Q58	2SB822F	ILLUM SW	Switches between amber/green.
Q59	DTC144EK		
Q60	2SB822F		
Q61	DTC144EK		
Q62	DTC144EK	DIMMER INV.	
Q63	DTC144EK	ILLUM. AVR Control	Turns AVR for illumination ON/OFF.
Q64	DTA144EK		
Q65	2SC2412K	ILLUM. AVR	
Q66	2SB1370F8		
Q67	DTA144EK	AUDIO MUTE DRIVE	
Q68	DTC144EK		
Q69	2SA1037K		
Q70	DTA124EK		
Q71	2SA1037K	VOL BOOST SW DRIVE	
Q72	2SA1037K	LOUDNESS SW DRIVE	
Q73	DTC124EK	PACK IN INV.	
Q74	2SA1428	Mechanism Main Motor Drive	
Q75	DTC114EK		
Q81	2SC2412K	EXT. MUTE SIG. INV.	

Switch Unit (X25-4322-70)

Ref. No.	Components	Use/Function	Operation/Condition
IC1	LC7582A	LCD driver IC	

Tuner Unit (X86-1222-70)

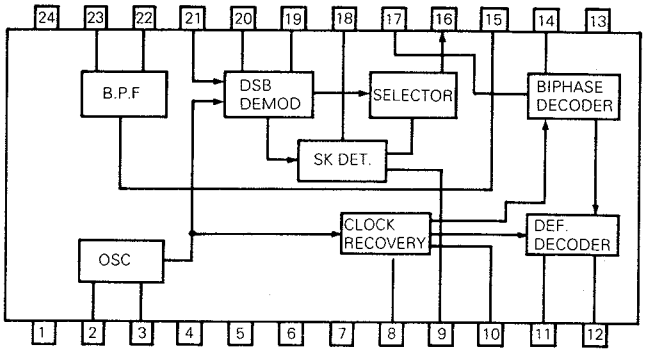
Ref. No.	Components	Use/Function	Operation/Condition
IC1	KKC02	IF Amp, NC, MPX	FM detector, FM noise canceler and stereo demodulator IC.
IC2	NJM4565M	Composite Buff.	RDS demodulator IC, pre-buffer to ARI demodulator IC.
IC3	BA3430FS	TAPE EQ. IC	Tape EQ Metal switching.
IC4	HA1213AF	Dolby B IC	Dolby B decoder IC.
IC5	TDA1579T	SDK demodulator IC	Detects SK, BK and DK of SDK.
IC6	NJM4565M	Amp & Buff.	Used in SDK demodulator circuit.
IC7	UPC1346CE	RDS signal demodulator IC	Demodulates RDS signal. With 57 kHz BPF.
IC8	TC4066BF	LPF SW IC	Switches the time constant of FM LPF.
Q1	2SC2413K	IF Amp	Amplifies FM IF signal.
Q2	2SC2412K	CRSC Tr	In case of occurrence of multi-paths, goes ON to force monaural reception.
Q3	2SC2412K	S Meter Buff.	Buffer of S meter signal.
Q4	DTC124EK	AFC SW	Switches time constant of AFC terminal. ON during reception. OFF during seek and AF search.
Q5	DTC124EK	MUTE	ON during reception of 5 dBu or more.
Q11	DTA144EK	EQ. MUTE SW	High during FF or RWD, during FWD/REV switching and during EQ muting.
Q13	2SC2412K		
D3	MA110		
Q14,15	2SC2412K	CRSC SW	In case of occurrence of multi-paths, provides a time constant to create the timing of AF search by RDS.
Q16	DTA124EK	LPW SW	Drivers of the switch of the LPF time constant.
Q17	DTC124EK		
Q18~20	2SC2412K	AF L.P.F.	Amp for AM LPF.

CIRCUIT DESCRIPTION

RDS Data Demodulator IC7: μPC1346CE

μPC1346 is an IC for use in data demodulation of the RDS (Radio Data System: a broadcasting system with which digital data is multiplexed in FM radio signal) of the EBU (European Broadcasting Union). It incorporates a 57 kHz band-pass filter, bit rate clock regenerator, DSB demodulator, bi-phase PSK demodulator, differential decoder and ARI identifier (SK). It can form an RDS data demodulator circuit when used in combination with μPD17102G-012, which is a sync detection and error correction LSI IC.

Block Diagram (Top View)



Features

- Low power consumption thanks to Bi-CMOS structure. Icc = 7.5 mA TYP. (Vcc = 5 V, no signal)
- 57-kHz BPF circuit built in.
- No-adjustment DSB demodulator circuit.
- Digital PLL circuit (DSB demodulator, bit rate clock regenerator).
- ARI identifier circuit built in.

This material was compiled in the planning stage of the product, thus the contents may be subject to change without notice.

V_6	Mode	Sync Detection Sensitivity
High	Short	Upon detection of the RDS signal turning OFF, Y_{10} goes High momentarily.
Low	Long	If the RDS signal is continuously OFF for less than 100 ms, V_{10} is held Low.

*2 The type of output is CMOS push-pull.

Pin Configuration

Pin No.	Symbol	Function	Description
1	V_{DD} (V_{CC})	Digital circuit power	
2	OSC IN	Oscillator input terminal	
3	OSC OUT	Oscillator output terminal	
4	GND	Digital circuit GND	
5	TEST 1	Test input terminal	Fixed at Low during operation
6	TEST 2	Test input terminal	Fixed at Low during operation
7	OP.CTL	Operation stop control terminal	H: Operation. L: Stop.
8	S/L CTL *1	Sync detection mode control terminal	H: Short mode. L: Long mode. (See Note)
9	SK OUT	SK detected ouput terminal	Low when SK is detected.
10	RDS OUT	RDS sync detected output terminal	Low when synchronization is acquired.
11	CLK OUT	Bit rate clock output terminal	
12	DATA OUT	RDS data output terminal	
13	GND	Analog circuit GND	
14	INTEG	Integration filter terminal	
15	BPF ADJ	Band-pass filter fc adjustment	
16	PSK OUT	Bi-phase signal output terminal	
17	PSK IN	Bi-phase decoder input terminal	
18	LPK SK	SK detection low-pass filter	
19	LPF Q	Quadrature detector low-pass filter	
20	LPF I	Sync detector low-pass filter	
21	DSB IN	DSB demodulator input terminal	
22	BPF OUT	Band-pass filter output terminal	
23	BPF IN	Band-pass filter input terminal	
24	V_{CC}	Analog circuit power	

*1 The RDS sync detection sensitivity can be switched according to the voltage at pin 8.

CIRCUIT DESCRIPTION

Absolute Maximum Rating (Ta = 25°C)

Item	Symbol	Rating	Unit
Power voltage	V_{CC}	7	V
Power consumption	P_u Note1	350/600 Note2	mW
Operating temperature range	T_{ops}	−30 ~ +80	°C
Storage temperature range	T_{stg}	−40 ~ +125	°C

Note 1. Tn = 75°C
2. Left: μPC1346GS. Right: μPC1346CS.

Recommended Operating Range

Item	Symbol	MIN.	TYP.	MAX.	Unit
Power voltage	V_{cc}	4.5	5.0	5.5	V
FM demodulated signal input voltage	V_{in}	170	250	370	$mV_{r.m.s.}$
Output current (pins 9, 10, 11, 12)	Ic		±100		μA

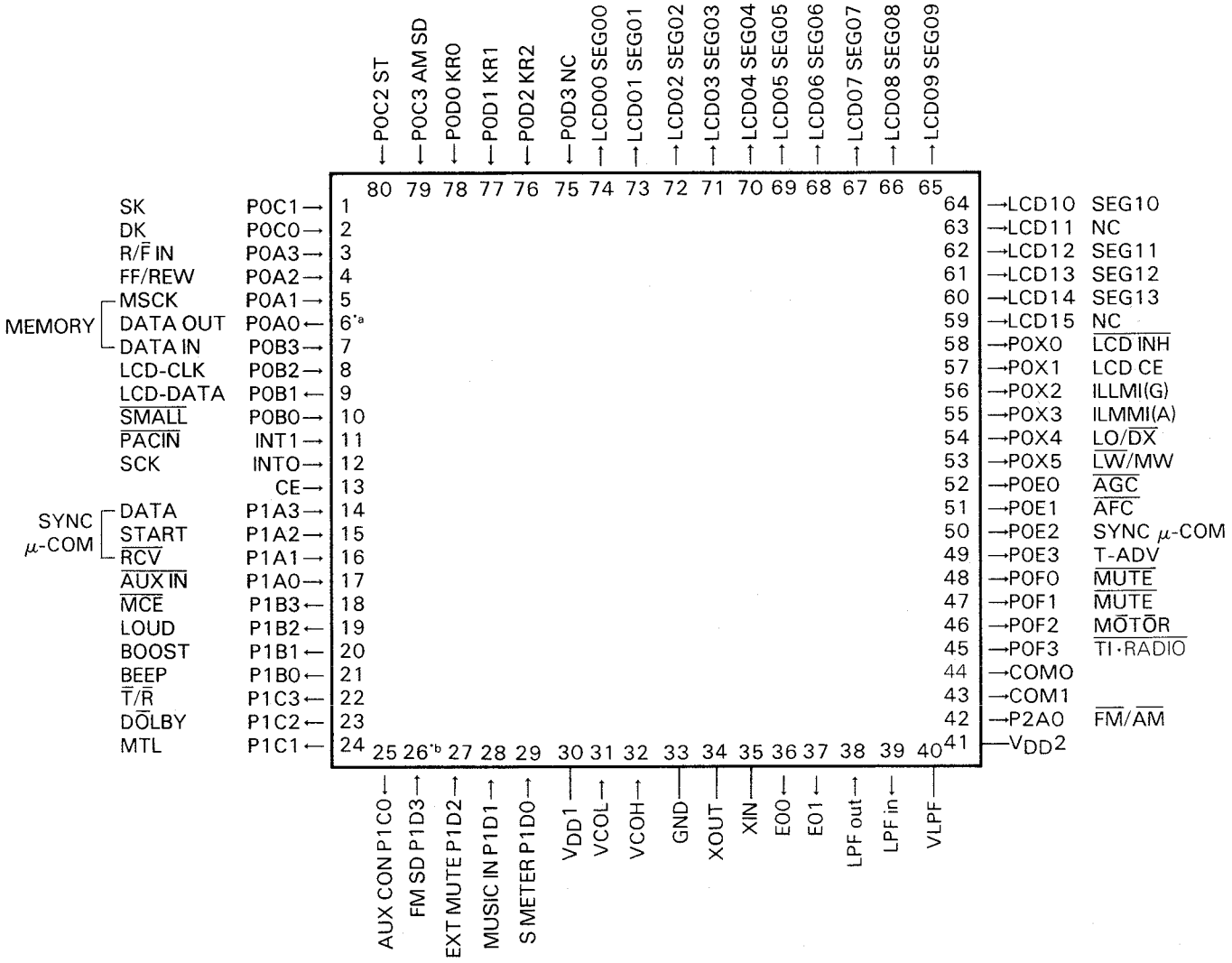
Electrical Characteristics

Item	Symbol	Condition	MIN.	TYP.	MAX.	Unit
Circuit current	I_{CC}	With no signal		7.5		mA
RDS detection sensitivity	S_{RDS}			0.6		$mV_{r.m.s.}$
SK detection sensitivity	S_{SK}			3.5		$mV_{r.m.s.}$
RDS lock-up time	T_{RDS}			30		ms
SK lock-up time	T_{SK}			20		ms
RDS + SK lock-up time	T_{RDS+SK}			50		ms
Data output voltage (H level)	V_{OH}	Ic = ±100 μA	4.70			V
Data output voltage (L level)	V_{OL}	Pins 9, 10, 11, 12			0.10	V
PLL lock range	L.R.			±16		Hz
(Band-Pass Filter Characteristics)						
Center frequency	f_c	After adjustment		57		kHz
Voltage gain	A_v	f = 57 kHz		25		dB
Selectivity	Q			16		—
Attenuation	ATT	f = 53 kHz		11.5		dB
Signal-to-noise ratio	S/N	BPF output, Vio = 3 mVrms		24		dB
Input impedance	Z_{in}	BPF input		35		kΩ

CIRCUIT DESCRIPTION

μ-COM IC3: 17005GF-566-3B9 Port Layout

*a..... Destination at the time of initialization
*b..... D/L destination with KRC652R

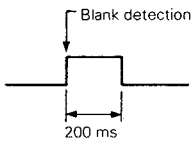


CIRCUIT DESCRIPTION

Description of μ-COM ports

Pin No.	Port	Assignment	I/O	Function
1	POC_1	SK	I	• SK signal detection input port. "H" causes judgment of presence of SK signal.
2	POC_0	DKIN	I	• DK signal detection input port. "H" causes judgment of presence of DK signal.
3	POA_3	$\overline{F}$/R	I	• Tape transport detection input port. "L" causes judgment of FWD. "H" causes judgment of REV.
4	POA_2	FF/REWIN	I	• Tape "fast winding" detection input port. "H" causes judgment of "fast winding".
5	POA_1	MEMORY CLK	O	• CLK output port for E^2PROM serial data control.
6	POA_0	MEMORY DATA OUT	O	• DATA output port for E^2PROM serial data control. Input port for selection of destination at the time of initialization.
7	POB_3	MEMORY DATA IN	I	• Data input port for E^2PROM serial data control.
8	POB_2	LCD CLK	O	• CLK output port for LCD Driver serial data control.
9	POB_1	LCD DATA OUT	O	• DATA output port for LCD Driver serial data control.
10	POB_0	$\overline{SMALL}$	I	• When "L" is input, sets the illumination output port of the color stored in memory to "H".
11	INT_1	$\overline{PACKIN}$	I	• Tape Loaded status detection input port. "L" causes judgment of "Tape Loaded" status (indicating that the cassette shell is loaded).
12	INT_0	SYNC μ-COM SCK	I	• CLK input port for sync microcomputer serial data control.
13	CE	CE	I	• Chip Enable.
14	PIA_3	SYNC μ-COM DATA	I	• DATA input port for sync microcomputer serial data control.
15	PIA_2	SYNC μ-COM START	I	• DATA START input port for sync microcomputer serial data control.
16	PIA_1	SYNC μ-COM RCV	I	• Sync detection input port for sync microcomputer serial data control.
17	PIA_0	$\overline{PCONIN}$	I	• AUX P-CON signal input port (fixed at "H" when AUX IN not used.) "L" when AUX P-CON signal is detected.
18	PIB_3	MEMORY CE	O	• EEPROM Chip Enable output port.
19	PIB_2	LOUD	O	• LOUDNESS ON/OFF output port. "H" for LOUDNESS ON.
20	PIB_1	DK OUT	O	• DK OUT output port. Outputs "H" during DK interrupt.
21	PIB_0	BUZ	O	• OPERATION BUZZER output port.
22	PIC3	$\overline{T}$/R	O	• TAPE/RADIO audio switching output port. Outputs "L" for listening to tape sound. Outputs "H" for radio tuner and AUX input (refer to the attached sheet for details).
23	PIC_2	DOLBY	O	• DOLBY ON/OFF switching output port. Outputs "H" for Dolby ON.
24	PIC_1	MTL	O	• MTL ON/OFF switching output port. Outputs "H" for MTL ON.
25	PIC_0	AUX CONT.	O	• AUX audio switching signal output port. Outputs "H" for listening to AUX sound (refer to the attached sheet for details).
26	PID_3	$\overline{SD}$	I	• FM "Station Detected" input port. "L" causes judgment of the presence of FM station.
27	PID2	EXMUTE Destination Select	I	• KRC-752: EXT. MUTE signal input port. "L" when EXT. MUTE signal is present. KRC-652: Destination selection input port.

CIRCUIT DESCRIPTION

Pin No.	Port	Assignment	I/O	Function
28	PID_1	MUSIC	I	• FM MODE: Noise detection input port. "L" causes judgment of the absence of modulation. • TAPE mode: Blank detection input port. "L" causes judgment of the presence of a blank between tunes.
29	PID_0	SMET		• FM S-METER detection input port.
30	VDD_1	VDD		• Microcomputer positive power supply port.
31	VCOL	AM IN	I	• AM VCO frequency input port.
32	VCOH	FM IN	I	• FM VCO frequency input port.
33	GND	GND		• GND port.
34	X_{OUT}	XO	O	• X'tal oscillator connection port. (4.5 MHz)
35	X_{IN}	X1	I	• X'tal oscillator connection port. (4.5 MHz)
36	EO_0	EO_0	O	• PLL frequency synthesizer charge pump output port (for AM).
37	EO_1	EO_1	O	• PLL frequency synthesizer charge pump output port (for FM).
38	LPF_{IN}	LPFIN	I	• Not used.
39	LPF_{OUT}	LPFOUT	O	• Not used.
40	V_{LPF}	VLPF		• Not used.
41	VDD_2	VDD		• Microcomputer positive power supply port.
42	$P2A_0$	$\overline{FM}$/AM	O	• FM/AM power switching output port. AM, TAPE, AUX mode: Outputs "H". FM mode: Outputs "L" (refer to the attached sheet for details).
43	COM_1	COM1	O	• COM1 output port of built-in LCD driver.
44	COM_0	COM2	O	• COM2 output port of built-in LCD driver.
45	POF_3	$\overline{TI}$/RADIO	O	• FM/AM power switching output port. In TI ON and RADIO mode, outputs "L". When AM has been switched to TAPE or AUX (TI OFF), outputs "H".
46	POF_2	MOTOR +B	O	• Mechanism main motor and head release control output port. Outputs "H" in TAPE mode. In TAPE mode, outputs "H". With "POWER OFF", "TA interrupt" or "AUX P-CO signal detected", outputs "L" even in TAPE mode.
47	POF_1	$\overline{MUTE2}$	O	• Audio MUTE output port (for use in normal muting). Outputs "L" for muting.
48	POF_0	$\overline{MUTE1}$	O	• Audio MUTE output port (for use in quick muting). Outputs "L" for muting.
49	POE_3	T-ADV	O	• Blank detection output port. Outputs pulse when a blank between tunes is detected during "fast forward" and "T-ADV key ON" in the TAPE mode. 
50	POE_2	SYNC μ-COM CE	O	• CE output port for sync microcomputer serial data control.
51	POE_1	$\overline{AFC}$	O	• AFC time constant switching output port. Outputs "L" during tuning operation.
52	POE_0	AGC	O	• AM AGC-CUT output port. Outputs "H" during tuning operation.
53	POX_5	MW/$\overline{LW}$	O	• AM band switching output port. LW: Outputs "L". MW: Outputs "H". FM: Outputs "H".
54	POX_4	LOCAL	O	• LOCAL control output port. Outputs "H" only during tuning with LOCAL ON.
55	POX_3	ILLA	O	• ILLUM. Amber output port. Outputs "H" for lighting amber illumination.

CIRCUIT DESCRIPTION

Pin No.	Port	Assignment	I/O	Function
56	POX_2	ILLG	O	• ILLUM. Green output port. Outputs "H" for lighting green illumination.
57	POX_1	LCD CE	O	• LCD driver Chip Enable output port.
58	POX_0	$\overline{\text{LCDINH}}$	O	• LCD display Inhibit output port. Outputs "L" to turn off the LCD display.
59				• Not used.
63				• Not used.
60 ≀ 67 (Except 63)	POY_{13} ≀ POY_6	LCD13 ≀ LCD_6	O	• Segment output ports from built-in LCD driver.
68 ≀ 74	POY_5 ≀ POY_0	LCD_5 (KS_5) ≀ LCD_0 (KS_0)	O	• Segment output ports from built-in LCD driver. Also key scan signal output ports.
75	POD_3		I	• Not used
76 ≀ 78	POD_2 ≀ POD_0	KR_2 ≀ KR_0	I I	• Key return signal input ports.
79	POC_3	$\overline{\text{AM SD}}$	I	• "Station detected" input port. "L" causes judgment of the presence of station. Valid with MW, LW. Invalid with FM.
80	POC_2	STEREO	I	• "Stereo" detection input port. "H" causes judgment of stereo.

Key Matrix

	KR 0	KR 1	KR 2
KS 0	1 MTL (Tape mode)	2 T-ADV (Tape mode)	3 DG (Tape mode)
KS 1	4	5	6
KS 2	☆ 7 * AUTO (Longer)	☆ 8	☆ P-SEEK
KS 3	* AUTO * LOUD (Short) ☆ AUTO (Short)	LO.S (Short) AME (Longer)	TI (Short) CLOCK (Longer)
KS 4	FM	AM	RDS (Short) LNSS (Longer)
KS 5	UP	DOWN	☆ LOUD ☆ ILLUM

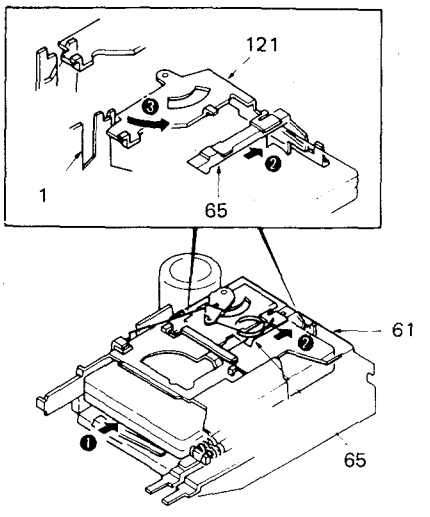
Momentary keys

Notes) Functions marked * are available only with KRC-652.
Functions marked ☆ are available only with KRC-752.
P-SEEK is available with microcomputer software only.

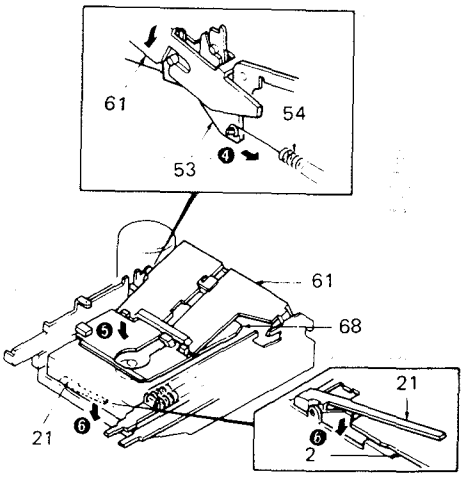
MECHANISM OPERATION DESCRIPTION

LOADING/PLAY

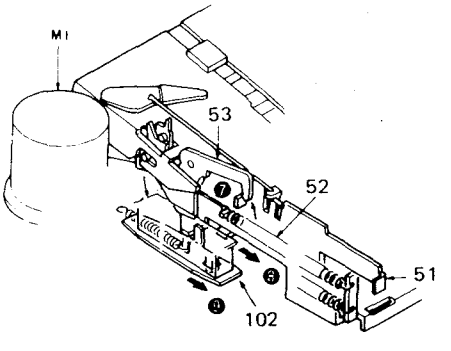
1. Insert a cassette tape (❶).
2. The cassette guide (65) pushes to lever (reverse [121]) (❷).
3. The lever (reverse [121]) turns in the direction of the arrow and releases the lock of the holder (action plate [61]) (❸).



4. Through the lock release of the lever (reverse [121]), the arm (action [53]) is pulled by the tension spring (54), which turns the holder (action plate [61]). The holder (action plate) descends (❹).
5. Through the descent of the holder (action plate [61]), the holder (cassette case [68]) also descends (❺).
6. As the holder (cassette case [68]) descends, the cassette tape pushes the lever (lock plate [21]). The lever (lock plate [21]) then releases the lock of the lever assembly (head plate [2]) (❻).

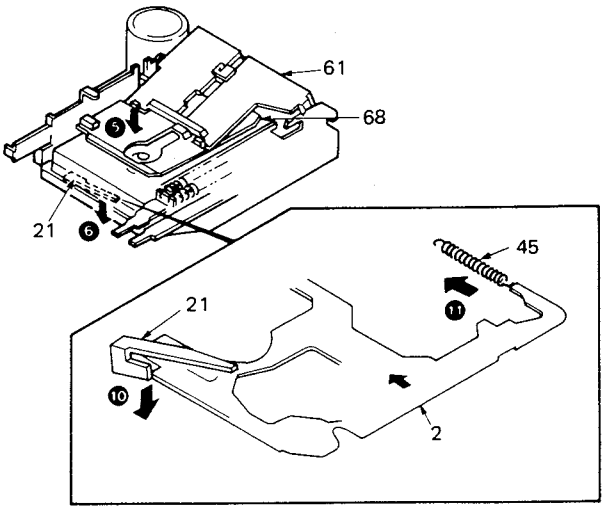


7. As the arm (action [53]) turns, the lock of the lever assembly (eject [51]) is released (❼).
8. The lever assembly (eject [51]) is pulled by the tension spring (52) and moves forward (❽).
9. Through the movement of the lever assembly (eject [51]), the lever (102) also moves forward and turns on the slide switch S1. As the slide switch S1 is turned on, electricity is supplied to the motor assembly (M1) (❾).

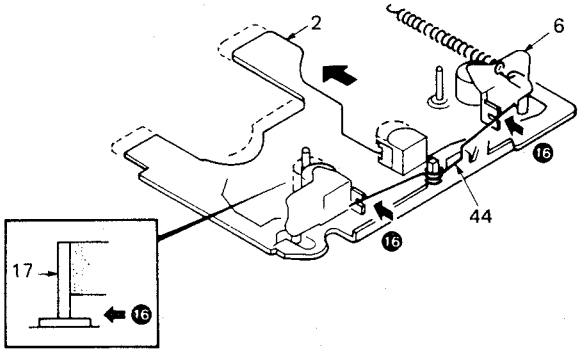


MECHANISM OPERATION DESCRIPTION

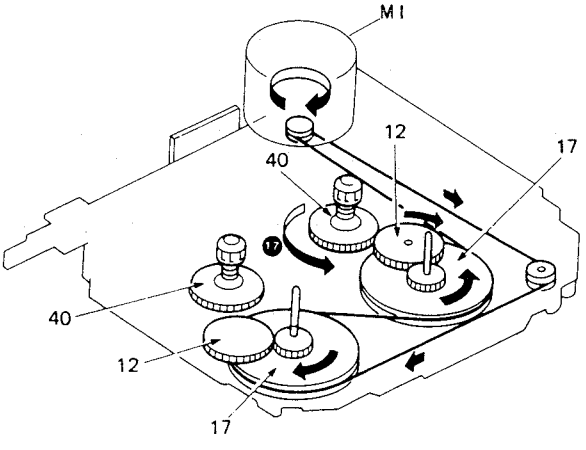
10. As the holder (cassette case [68]) descends, the cassette tape pushes the lever (lock plate [21]) then releases the lock of the lever assembly (head plate [2]) (⑩).
11. The lever assembly (head plate [2]) is pulled by the tension spring (45) and moves forward (⑪).



12. Through the forward movement of the lever assembly (head plate [2]), pinch roller assembly (6) make close contact with the shaft of the flywheel (17) through the formed wire spring (44) (⑯).



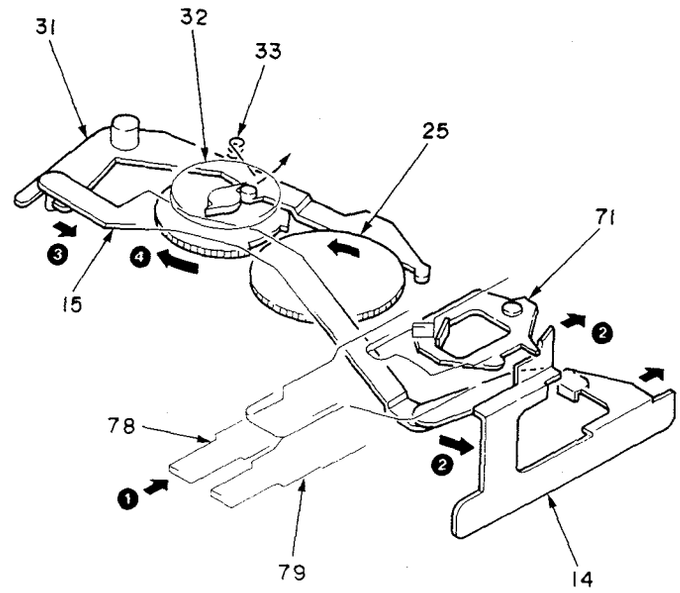
13. The rotation is transmitted from each gear (17-12) to the reel base (40) of the take-up side (⑰).



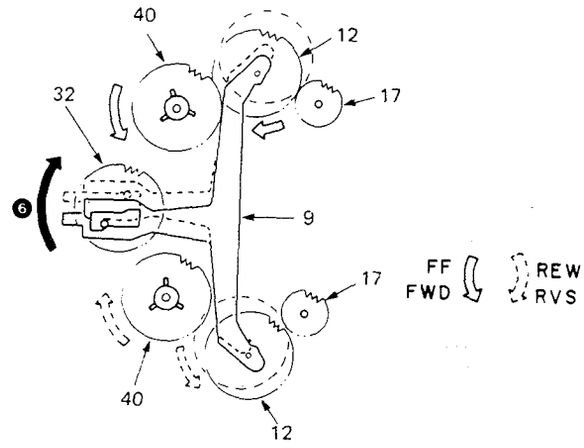
MECHANISM OPERATION DESCRIPTION

PROGRAM

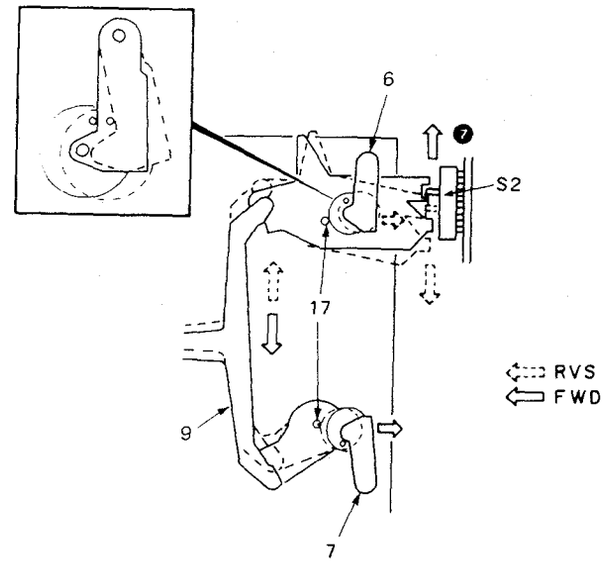
1. Push the FF and REW levers simultaneously (❶).
2. The arm assembly (15) moves toward the right (❷).
3. The lever (31) is pulled (❸), and the changeover gear (32) is unlocked.
4. The changeover gear is pushed by the torsion spring (33), and engaged with the cam gear (25) (❹).
5. The changeover gear (32) is rotated by a half turn and locked with the lever (31) again.



6. The movement of the boss of the changeover gear (32) moves the changeover arm (9) (❻).



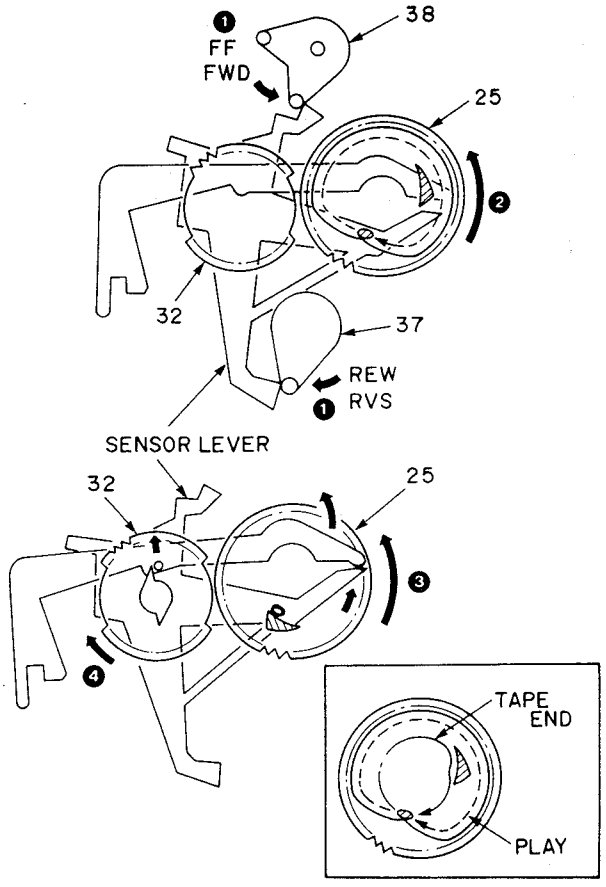
7. When the changeover arm (9) moves, the drive direction of the reel base (40), head switch (S2) and pinch roller is switched between FWD and RVS (❼).



MECHANISM OPERATION DESCRIPTION

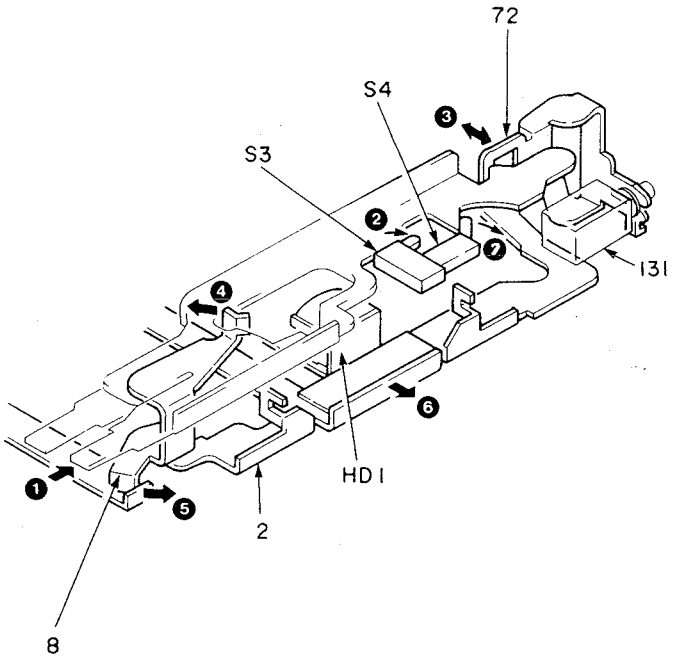
AUTO REVERSE

1. When the reel base (40) stops rotation at the end of tape, the arm (38) stops pushing the sensor lever (❶).
2. The sensor lever is engaged with the cam projection of the cam gear (25) and carried until the intermediate point of the cam gear (❷).
3. Then, the sensor lever is carried by the triangular boss of the cam gear (25) and pushes the lock lever (❸).
4. When the lock lever is pushed, the changeover gear rotates and the program operation starts (❹).



FF

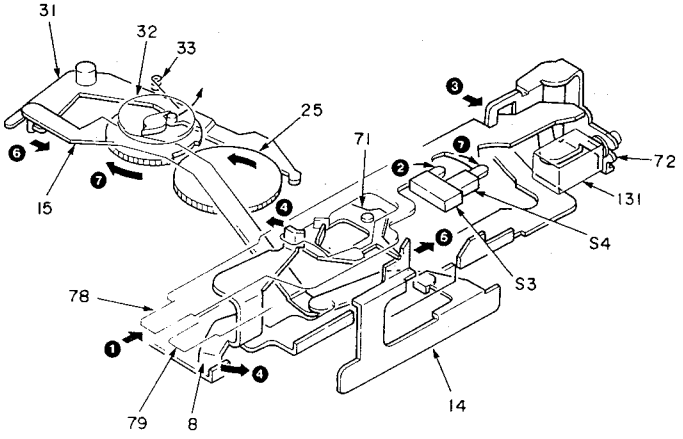
1. Push the lever FF (79) (❶).
2. Pushing the lever FF (79) closes the leaf switch (S3) and muting is applied (❷).
3. The lever FF (79) is locked by the arm (72) (❸).
4. By pushing the lever FF (79), the lever (8) is pushed in the direction of arrow (❹).
5. Through being pushed, the lever (8) moves the lever assembly (head plate [2]) backward a little (❺). The playback head (HD1) and pinch roller also moves backward a little.
6. The rotation of the reel base (40) is high-speeded by the speed selector switch (S4) (❻).
7. In the operation of T.ADV, electricity is supplied to the solenoid (131), which attracts the arm (FR release [72]). The lock on the arm (FR release [72]) is released, FF is released and FWD PLAY is engaged.

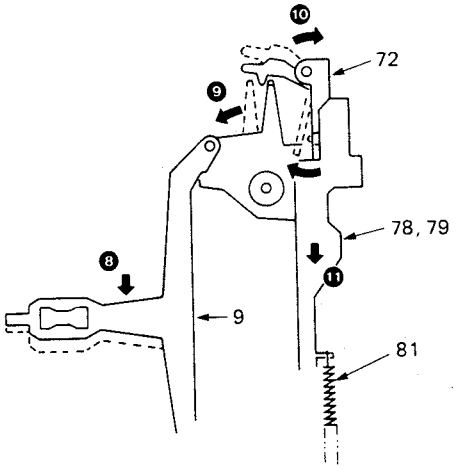


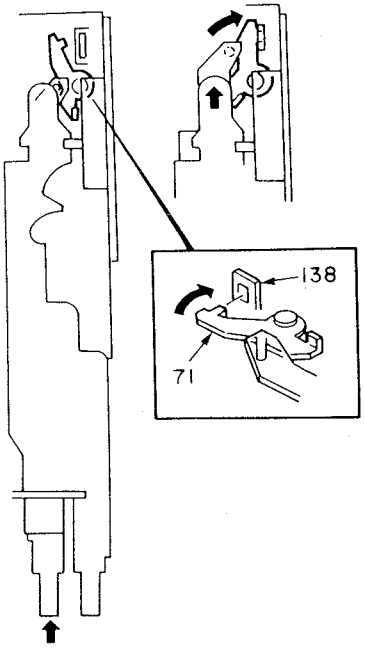
MECHANISM OPERATION DESCRIPTION

REW

1. Push the lever REW (78) (❶).
2. Pushing the lever REW (78) closes the leaf switch (S3) and muting is applied (❷).
3. The lever REW (78) is locked by the arm (72) (❸).
4. By pushing the lever REW (78), the lever (8) is pushed in the direction of arrow (❹).
5. Through being pushed, the lever (8) moves the lever assembly (head plate [2]) backward a little (❺). Through the backward movement of the lever assembly, the playback head (HD1) and pinch roller (7) also moves backward a little.
6. This time, the lever REW (78) moves the arm assembly (15) and PROGRAM operation is engaged (❻).
7. The rotation of the reel base (40) is high-speeded by the speed selector switch (S4) (❼).
8. At the tape end during the operation of REW, the end sensor is activated, and the changeover arm (9) moves the arm (72) during the operation of PROGRAM (❽) (❾) (❿). The lever REW (78) is released (⓫).
9. To release REW, slightly depress the lever FF (79).
10. By depressing the lever FF (79), the arm (72) moves, and the lever REW (78) returns by the tension spring (81) (⓫).
11. In the operation of T.ADV, electricity is supplied to the solenoid (131), which attracts the arm (FR release [72]). The lock on the arm (FR release [72]) is released, REW is released, and RVS PLAY is engaged.
12. In the channel select operation of this time, the actuator (138) is locked with a hook (71) so that the head select switch does not switch.



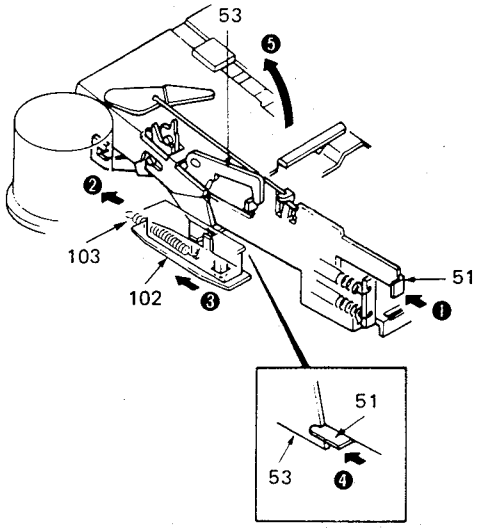




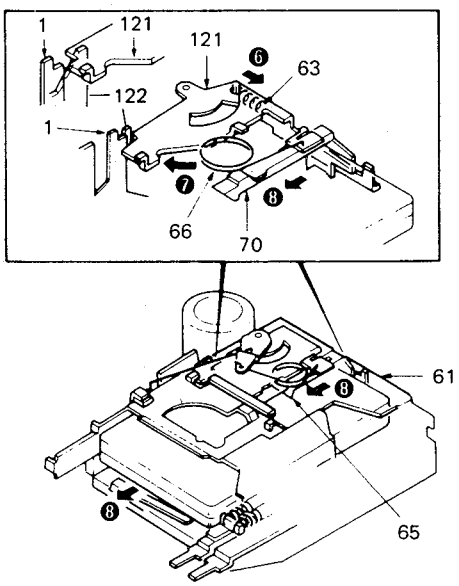
MECHANISM OPERATION DESCRIPTION

EJECT

1. Push the lever assembly (eject [51]) (❶).
2. By pushing the lever assembly (eject [51]), the tension spring (103) pushes the lever (102) (❷).
3. Though pushing the lever (102), the slide switch (S1) is turned off, and the lever assembly (head plate [2]) moves backward (❸).
4. The lever assembly (eject [51]) pushes and turns the arm (action [53]) (❹).
5. By turning, the arm (action [53]) pushes up the holder (action plate [61]) (❺).



6. When the holder (action plate [61]) is pushed up, the lever (reverse [121]) is pulled by the tension spring (63) and turns (❻).
7. In turning, the lever (reverse [121]) is put on the lever of the mechanism chassis (122) (❼).
8. The cassette guide (65) is pushed forward by the torsion coil spring (66) , and the cassette tape is ejected (❽).



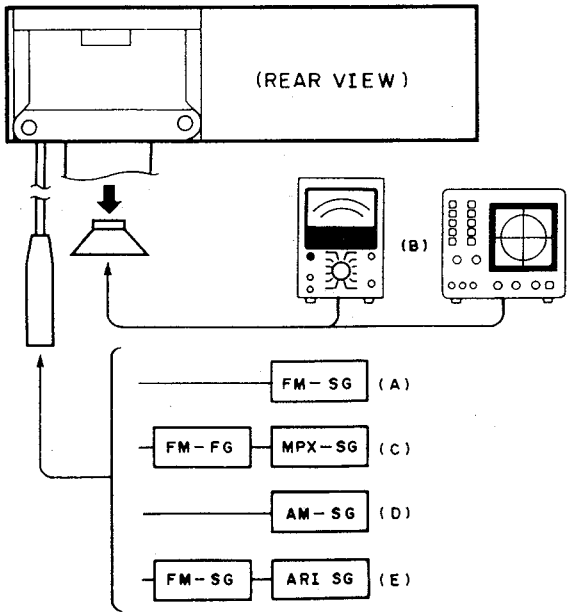
ADJUSTMENT

Set the controls and switches as follows.

BALANCE	:center position	LOUD	:OFF	LOCAL	:OFF
FADER	:center position	T・ADV	:OFF	AUTO	:OFF
BASS	:center position	METAL	:OFF		
TREBLE	:center position	DOLBY NR	:OFF		

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER(RECEIVER) SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1	DISCRIMINATOR	(A) 98.1MHz 0 dev 60dBμ(ANT input)	Connect a DC voltmeter between two terminals of TP1.(X86)	FM 98.1MHz	T1 (X86)	0 V	(a)
2	SOFT MUTE LEVEL	(A) 98.1MHz 1kHz,±40kHz dev 60dBμ→No input	(B)	FM 98.1MHz	VR4 (X86)	Output Noise level -25dBμ	
3	SEPARATION	(C) 98.1MHz 1kHz,±40kHz dev Pilot:±6kHz dev Selector:L or R 60dBμ(ANT input)	(B)	FM 98.1MHz	VR3 (X86)	Adjust it so that the crosstalk from L to R and R to L become minimum.	
4	ANRC	(C) 98.1MHz 1kHz,±40kHz dev Pilot:±6kHz dev Selector:L or R 35dBμ(ANT input)	(B)	FM 98.1MHz	VR2 (X86)	Separation 10dB	
5	SD1	(A) 98.1MHz 1kHz,±40kHz dev 5dBμ(ANT input)	Test Mode (While pressing the preset keys (5) and (6) at the same time, press the RESET to ON or the POWER ON.)	FM 98.1MHz	VR5 (X86)	Rotate VR5 clockwise and stop at the point where the ▶ indicator lights in the LCD display.	(c)
6	SD2	(A) 98.1MHz 1kHz,±40kHz dev 20dBμ(ANT input)	Test Mode (ditto)	FM 98.1MHz	VR6 (X86)	Rotate VR6 clockwise and stop at the point where the Dolby B indicator lights in the LCD display.	
7	DK LEVEL	(E) 98.1MHz 0 mod SK 5.33% DK 30%, BK 60% 60dBμ(ANT input)	Connect the AC voltmeter to TP21 on the X86 board.	FM 98.1MHz TI:OFF	VR21 (X86)	Maximum (125Hz)	(d)
8	RDS B.P.F.	(E) 98.1MHz 0 mod SK 5.33%	Connect the AC voltmeter to TP22 on the X86 board.	FM 98.1MHz TI:OFF	VR22 (X86)	Maximum (57kHz)	(g)
AM SECTION							
(1)	AM SD	(D) 999kHz 400Hz,30% 35dBμ(ANT input)	—	AM 999kHz	VR1 (X14)	STOP	(c)
CASSETTE DECK SECTION							
[1]	AZIMUTH	MTT-114 10kHz	(B)	TAPE PLAY	Head Azimuth Screw	Adjust the azimuth for each L CH/R CH or FWD/RVS becomes maximum.	
[2]	DOLBY LEVEL	MTT-150	Connect the AC voltmeter to TP2 on the X14 board.	TAPE PLAY	VR11(L) VR12(R) (X86)	150mV	(f)

ADJUSTMENT/TEST MODE



TEST MODES

1. ALL DISPLAY

While holding the preset keys 4 and 6 depressed, turn ON the power SW.

2. ALL RESET

While holding the preset keys 4 and 5 depressed, turn ON the power SW.

3. S-METER

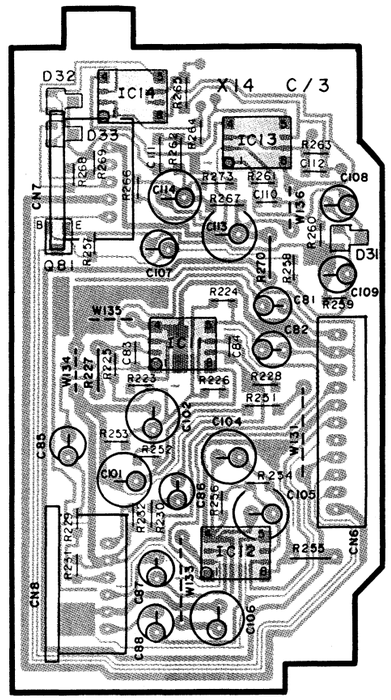
While holding the preset keys 5 and 6 depressed, turn ON the power SW.

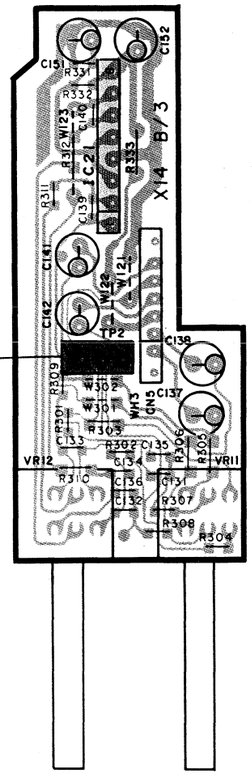
ANT input	Display			
40 dB or more.....	MTL	TA	DD B	▶
30 dB or more.....		TA	DD B	▶
20 dB or more.....			DD B	▶
5 dB or more.....				▶

* Exit from the test mode Turn OFF the power SW.

PC BOARD (Component side view)

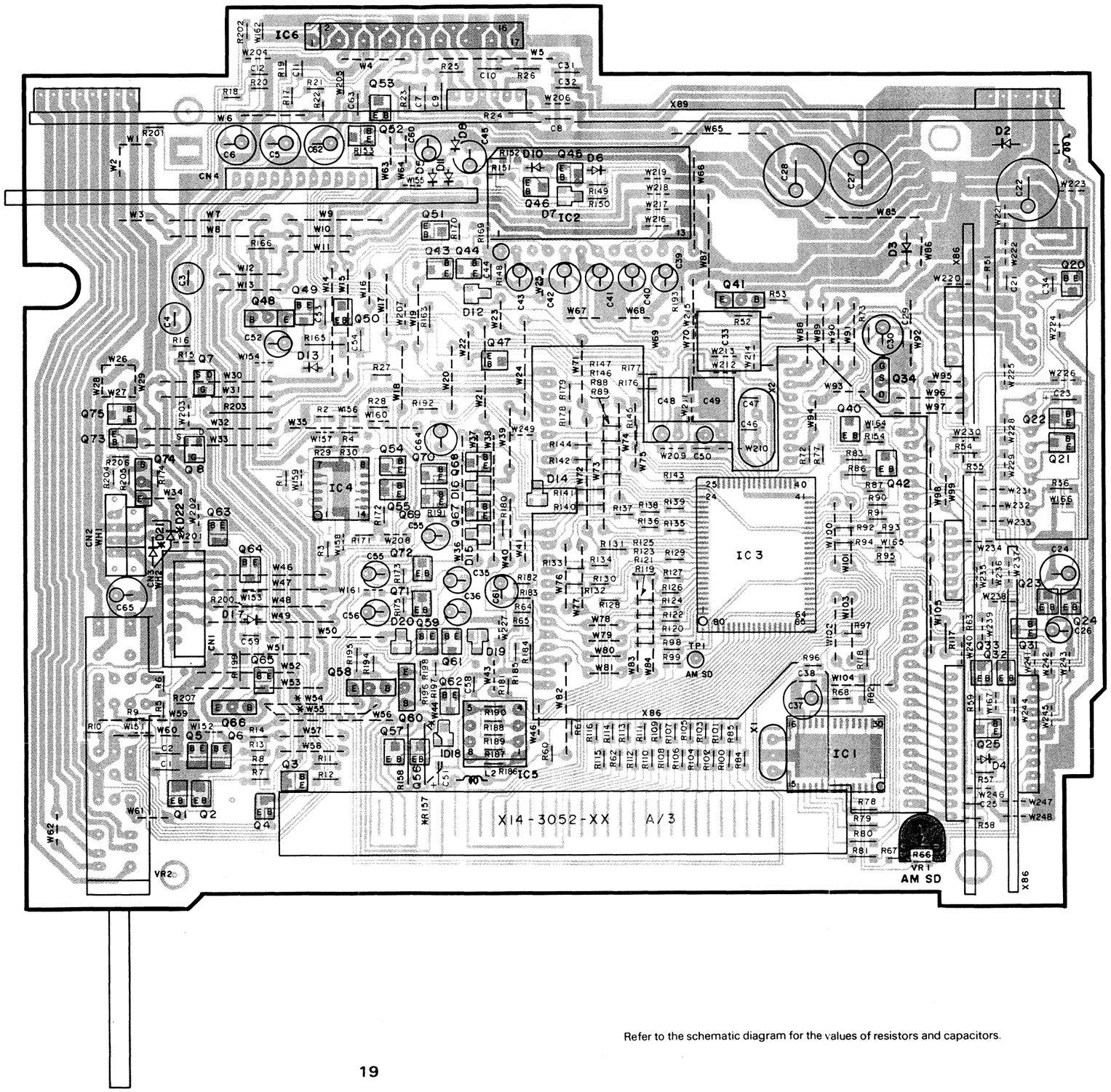
● **SYNTHESIZER UNIT**





(f) DOLBY LEVEL: 150 mV

AC Voltmeter



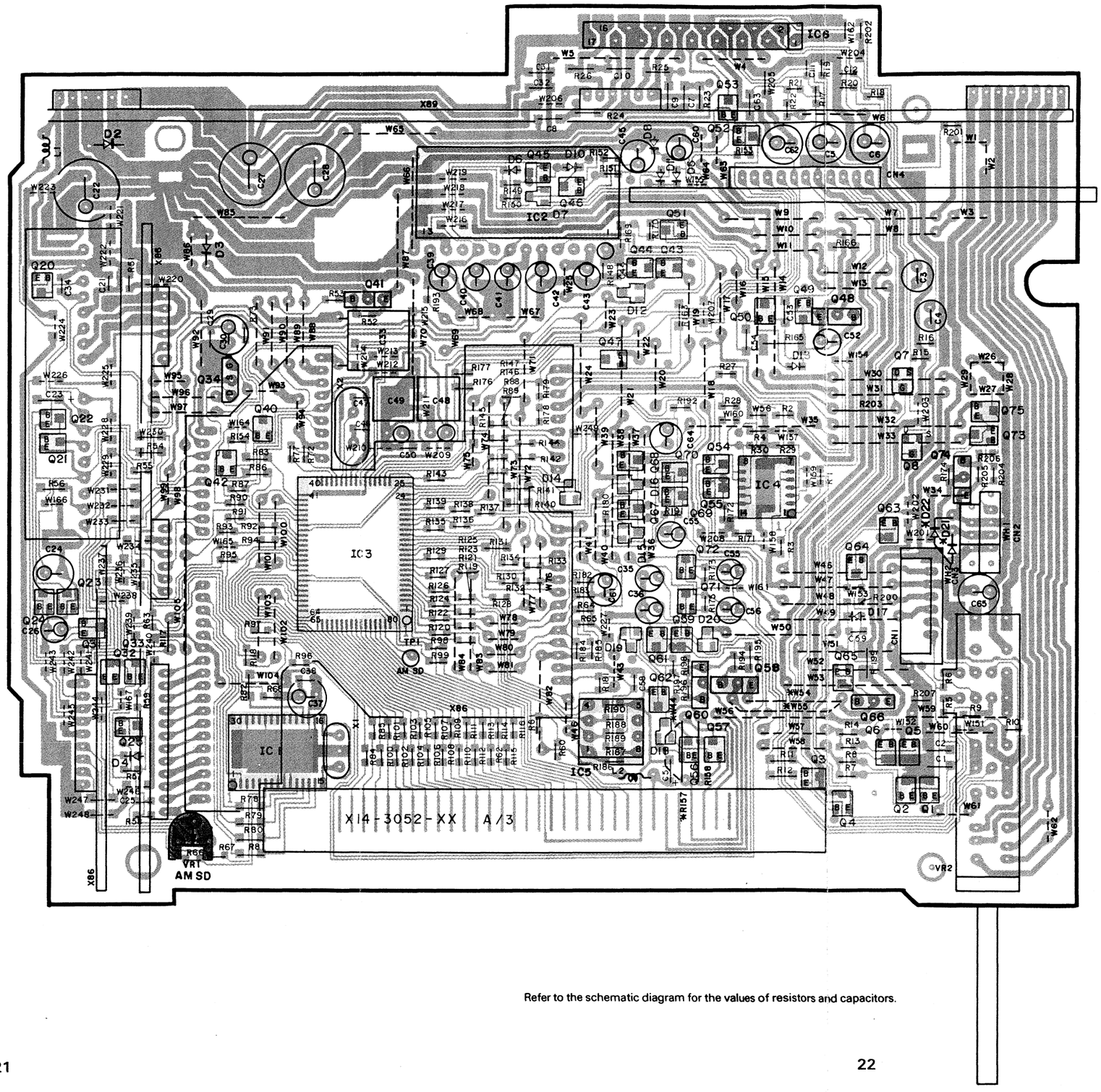
Refer to the schematic diagram for the values of resistors and capacitors.

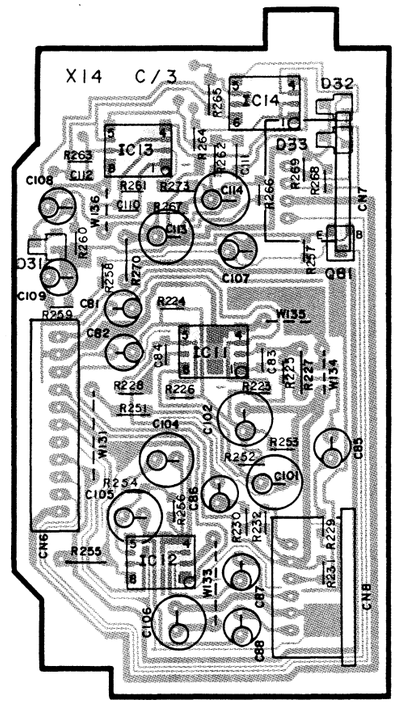
X14-3052-70

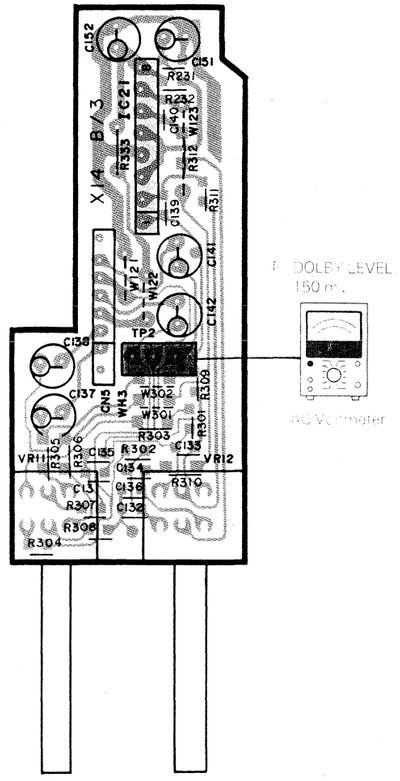
Ref. No. IC	Ref. No. Q	Address
	1	6D
	2	6D
	3	5D
	4	6D
	5	5D
	6	5D
	7	3D
	8	4D
	20	3I
	21	4I
	22	3I
	23	5I
	24	5I
	25	5H
	31	5I
	32	5H
	33	5H
	34	3H
	40	3H
	41	3G
	42	4H
	43	3E
	44	3E
	45	2F
	46	2F
	47	3F
	48	3D
	49	3D
	50	3E
	51	2E
	52	2E
	53	2E
	54	4E
	55	4E
	56	5E
	57	5E
	58	5E
	59	5E
	60	5E
	61	5E
	62	5E
	63	4D
	64	4D
	65	5D
	66	5D
	67	4E
	68	4E
	69	4E
	70	4E
	71	5E
	72	4E
	73	4C
	74	4D
	75	3C
	81	2A
1		5H
2		2F
3		4G
4		4F
5		6F
6		1D
11		2B
12		3B
13		1B
14		1A
21		4B

PC BOARD (Foil side view)

• SYNTHESIZER UNIT





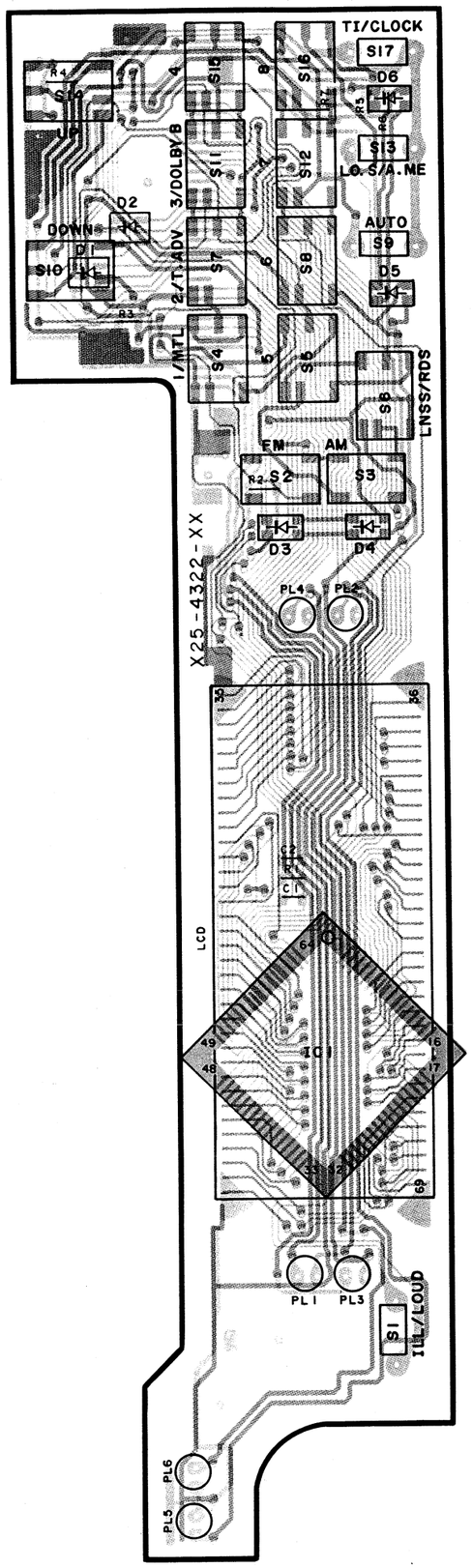


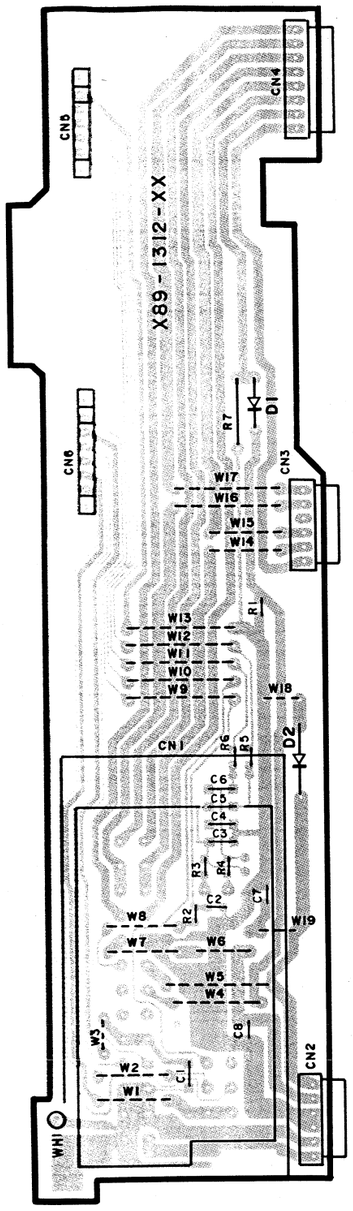
X14-3052-70

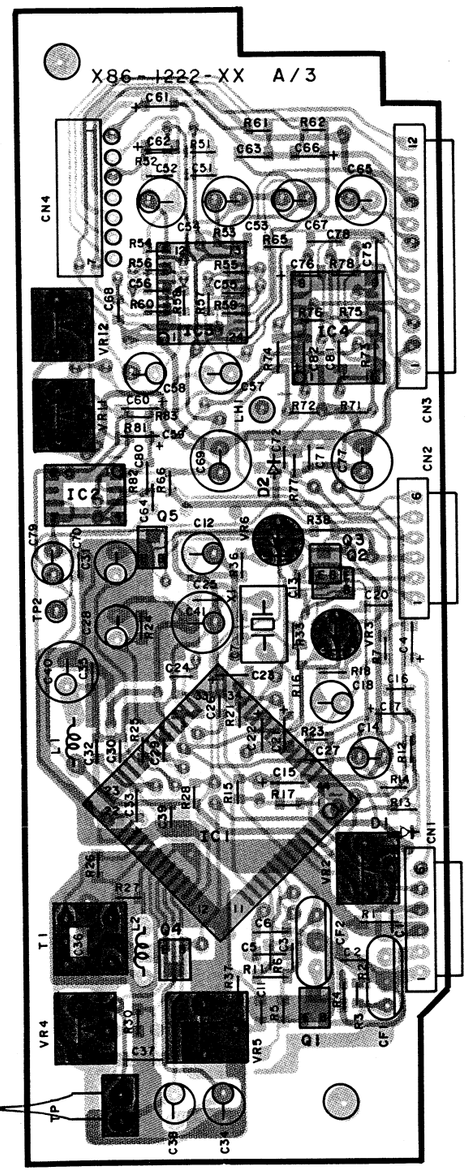
Ref. No. IC	Ref. No. Q	Address
	1	6P
	2	6P
	3	6O
	4	6O
	5	5P
	6	5P
	7	3P
	8	4P
	20	3K
	21	4K
	22	3K
	23	4K
	24	4K
	25	5K
	31	5K
	32	5K
	33	5K
	34	3L
	40	3L
	41	3M
	42	4L
	43	3O
	44	3N
	45	2N
	46	2N
	47	3N
	48	3P
	49	3O
	50	3O
	51	2O
	52	2O
	53	2O
	54	4O
	55	4O
	56	5O
	57	5O
	58	5O
	59	5O
	60	5O
	61	5O
	62	5O
	63	4P
	64	4P
	65	5O
	66	5P
	67	4N
	68	4N
	69	4O
	70	4O
	71	5O
	72	4O
	73	4Q
	74	4P
	75	3Q
	81	2S
1		5L
2		2N
3		4M
4		4O
5		5N
6		1O
11		2R
12		3R
13		1R
14		1S
21		4R

Refer to the schematic diagram for the values of resistors and capacitors.

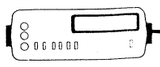
PC BOARD (Component side view)







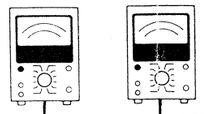
(a) DISCRIMINATOR
0 V



DC Voltmeter

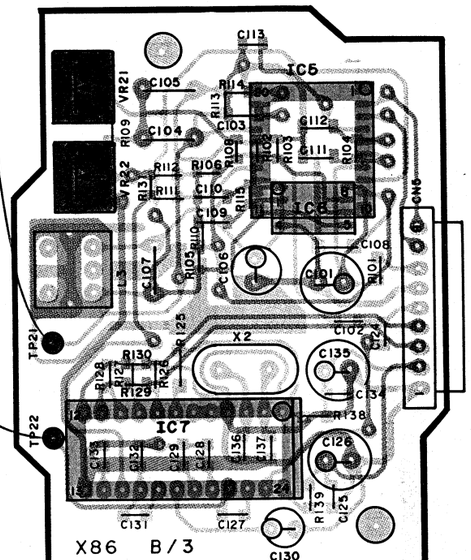
(g) RDS B.P.F.
Maximum

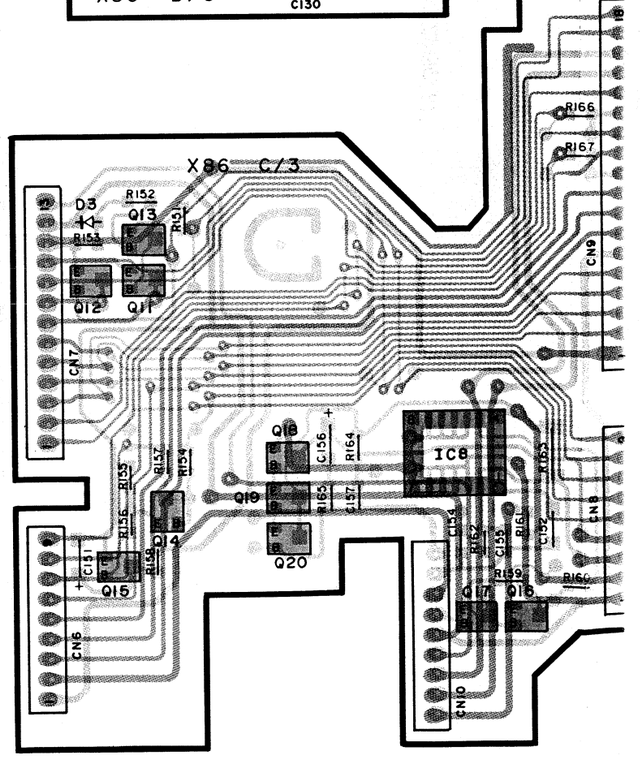
(d) DK LEVEL
Maximum



AC Voltmeter

AC Voltmeter





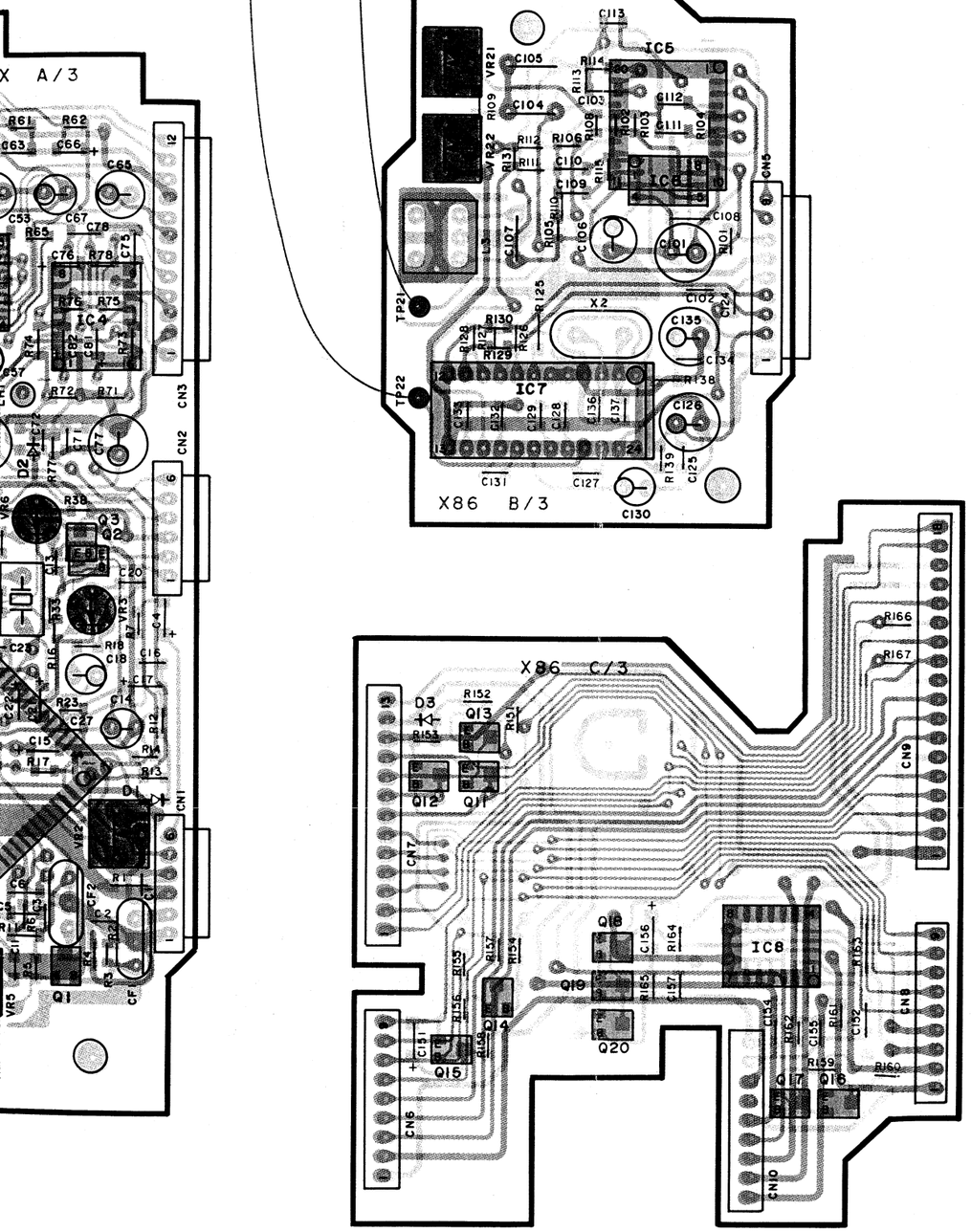
Refer to the schematic diagram for the values of resistors and capacitors.

(g) RDS B.P.F. Maximum

(d) DK LEVEL Maximum

AC Voltmeter

AC Voltmeter



Refer to the schematic diagram for the values of resistors and capacitors.

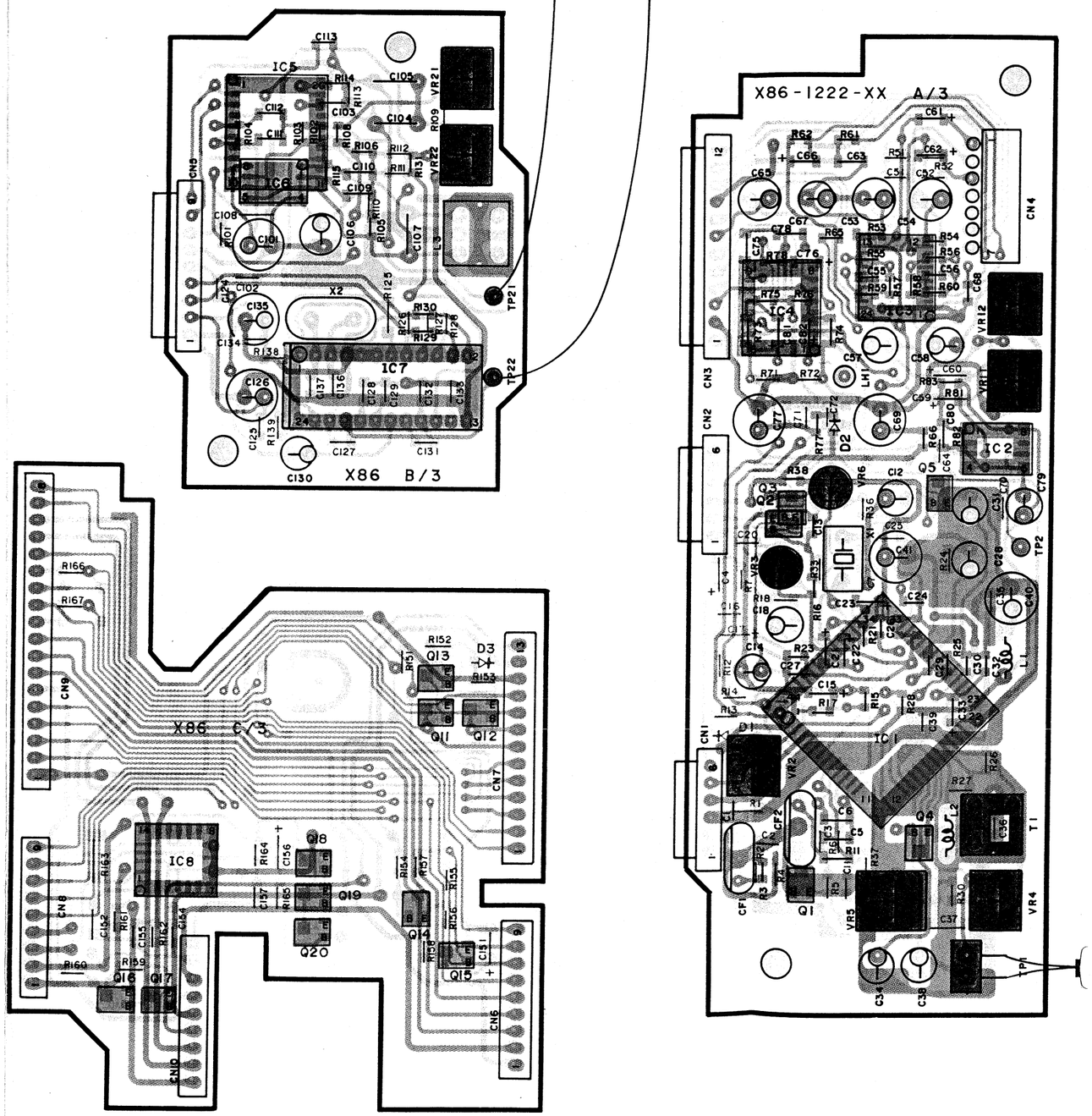
(Foil side view)

(d) DK LEVEL: Maximum

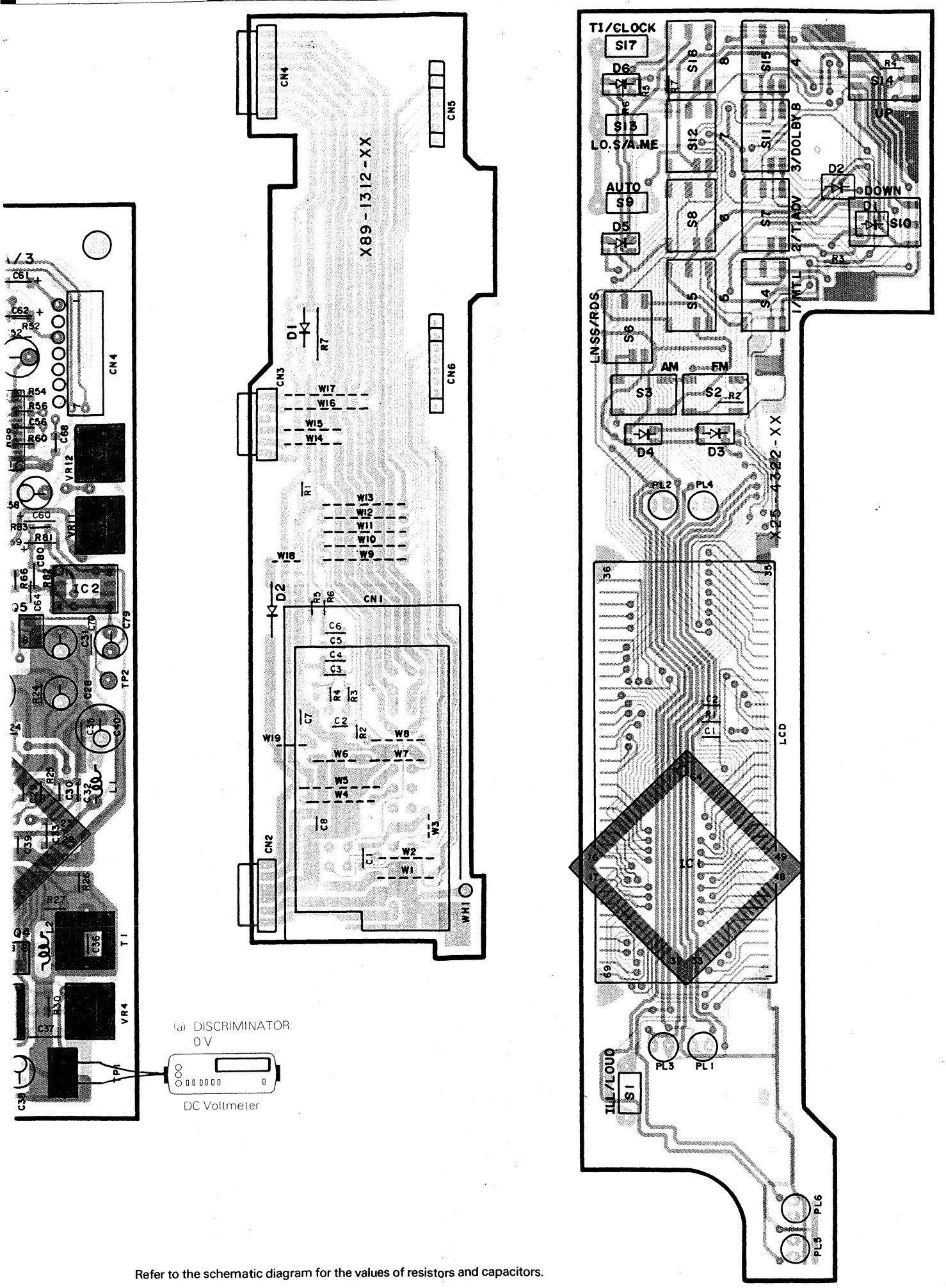
(g) RDS B.P.F.: Maximum

AC Voltmeter

AC Voltmeter



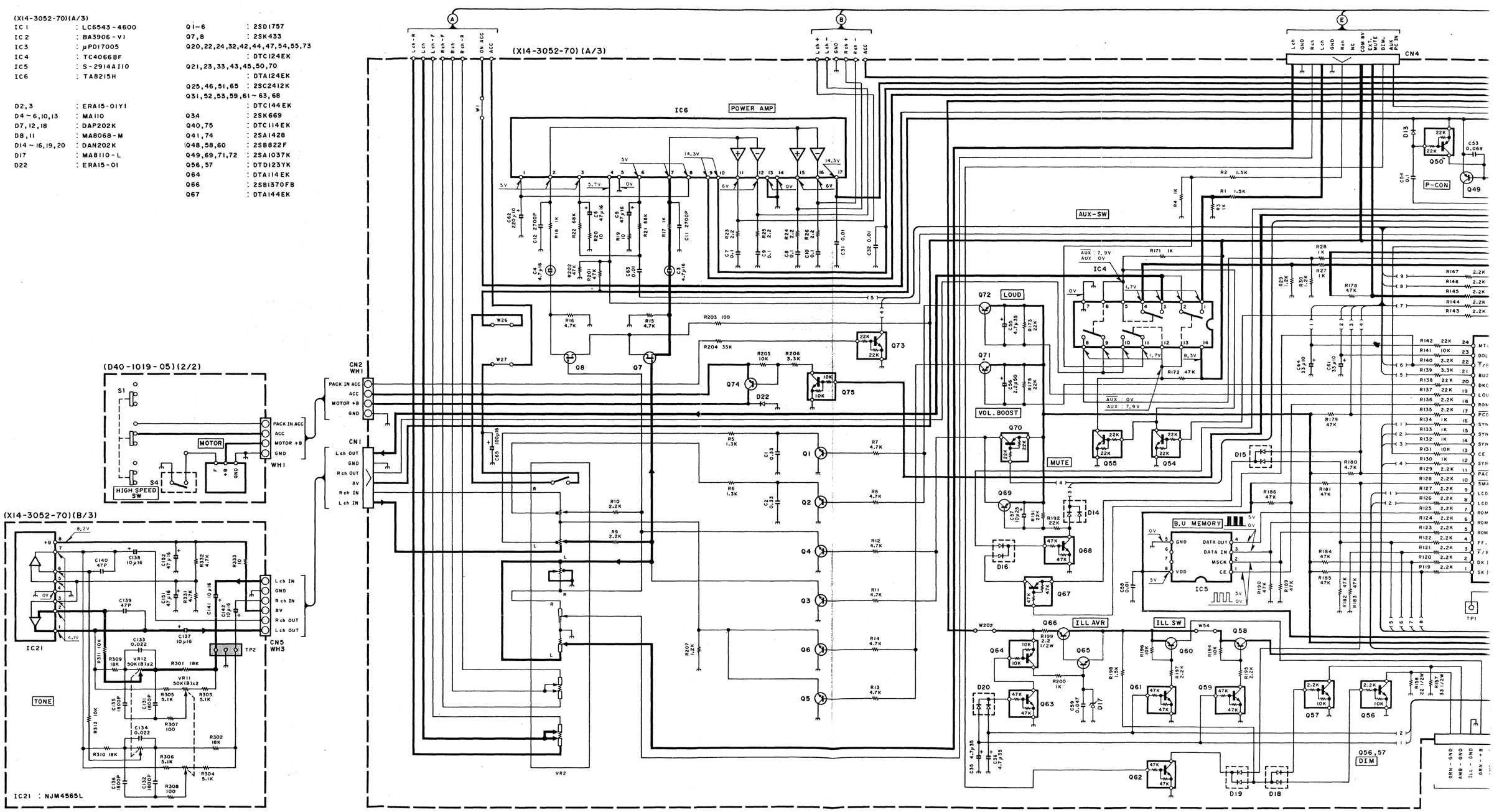
Refer to

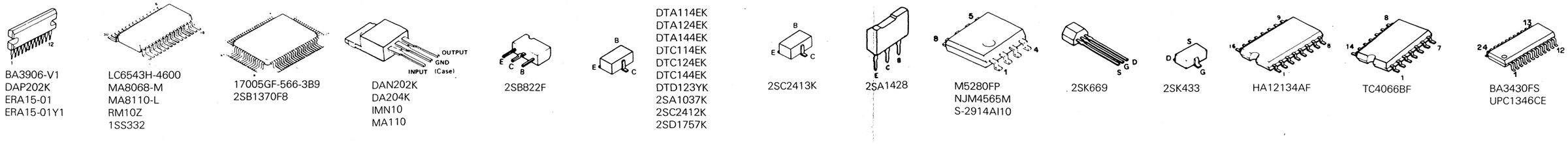


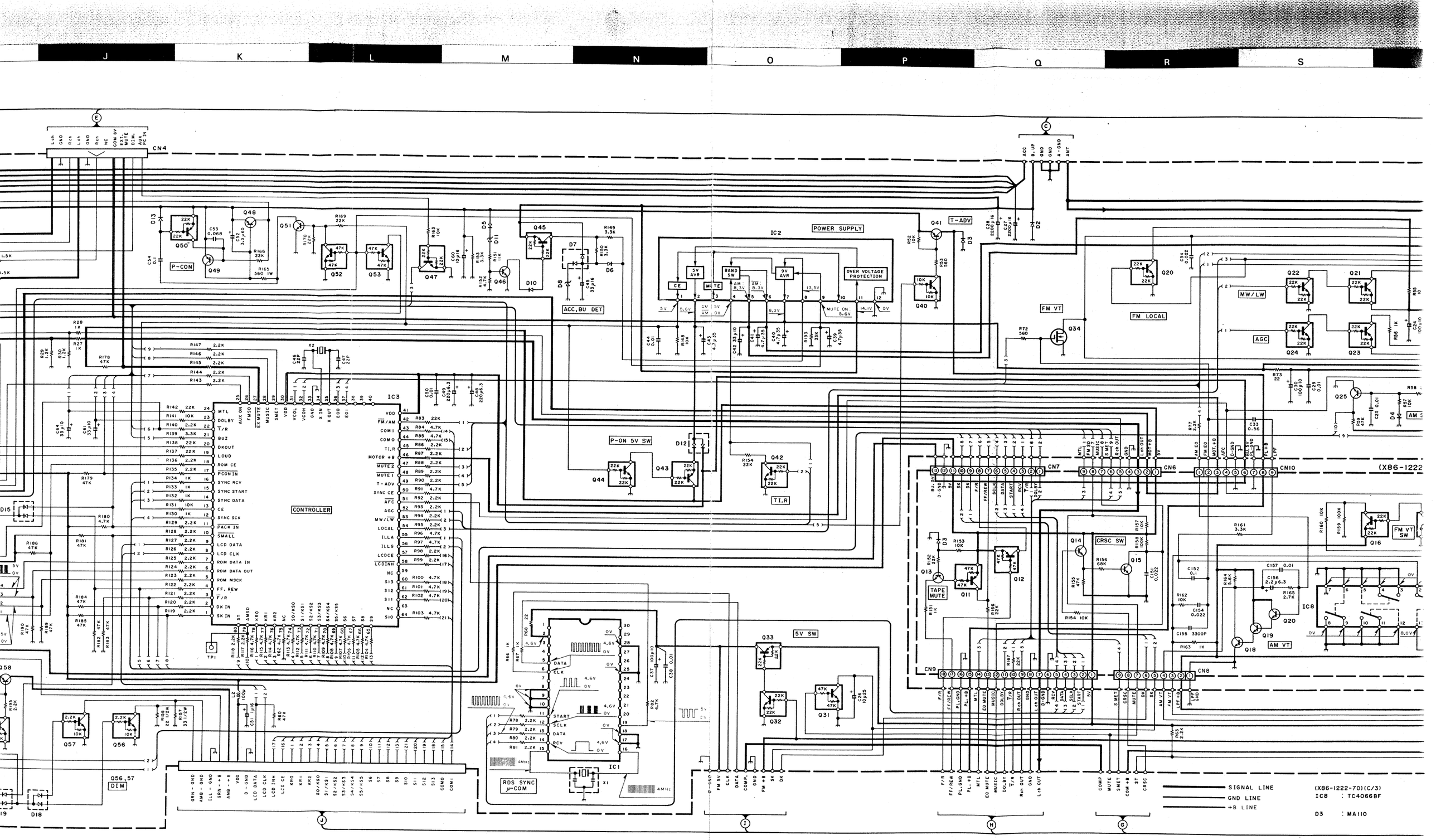
Refer to the schematic diagram for the values of resistors and capacitors.

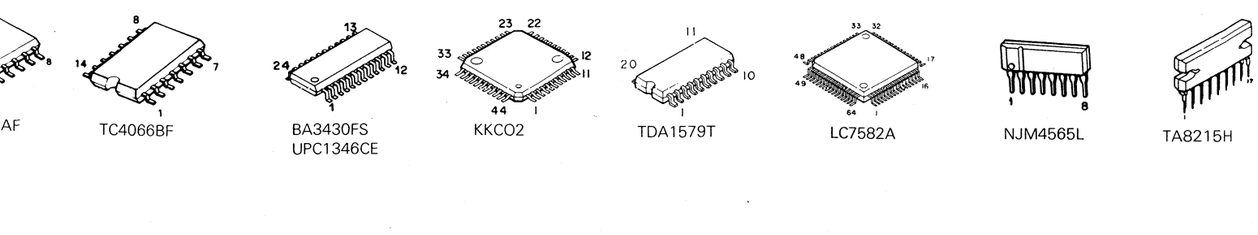
(XI4-3052-70)(A/3)

IC1	: LC6543-4600	Q1~6	: 2SD1757
IC2	: BA3906-V1	Q7,8	: 2SK433
IC3	: μPD17005	Q20,22,24,32,42,44,47,54,55,73	: DTC124EK
IC4	: TC40668F	Q21,23,33,43,45,50,70	: DTA124EK
IC5	: S-2914AII0	Q25,46,51,65	: 2SC2412K
IC6	: TA8215H	Q31,52,53,59,61~63,68	: DTC144EK
D2,3	: ERA15-01Y1	Q34	: 2SK669
D4~6,10,13	: MA110	Q40,75	: DTC114EK
D7,12,18	: DAP202K	Q41,74	: 2SA1428
D8,11	: MA8068-M	Q48,58,60	: 2SB822F
D14~16,19,20	: DAN202K	Q49,69,71,72	: 2SA1037K
D17	: MA8110-L	Q56,57	: DTD123YK
D22	: ERA15-01	Q64	: DTA114EK
		Q66	: 2SB1370FB
		Q67	: DTA144EK







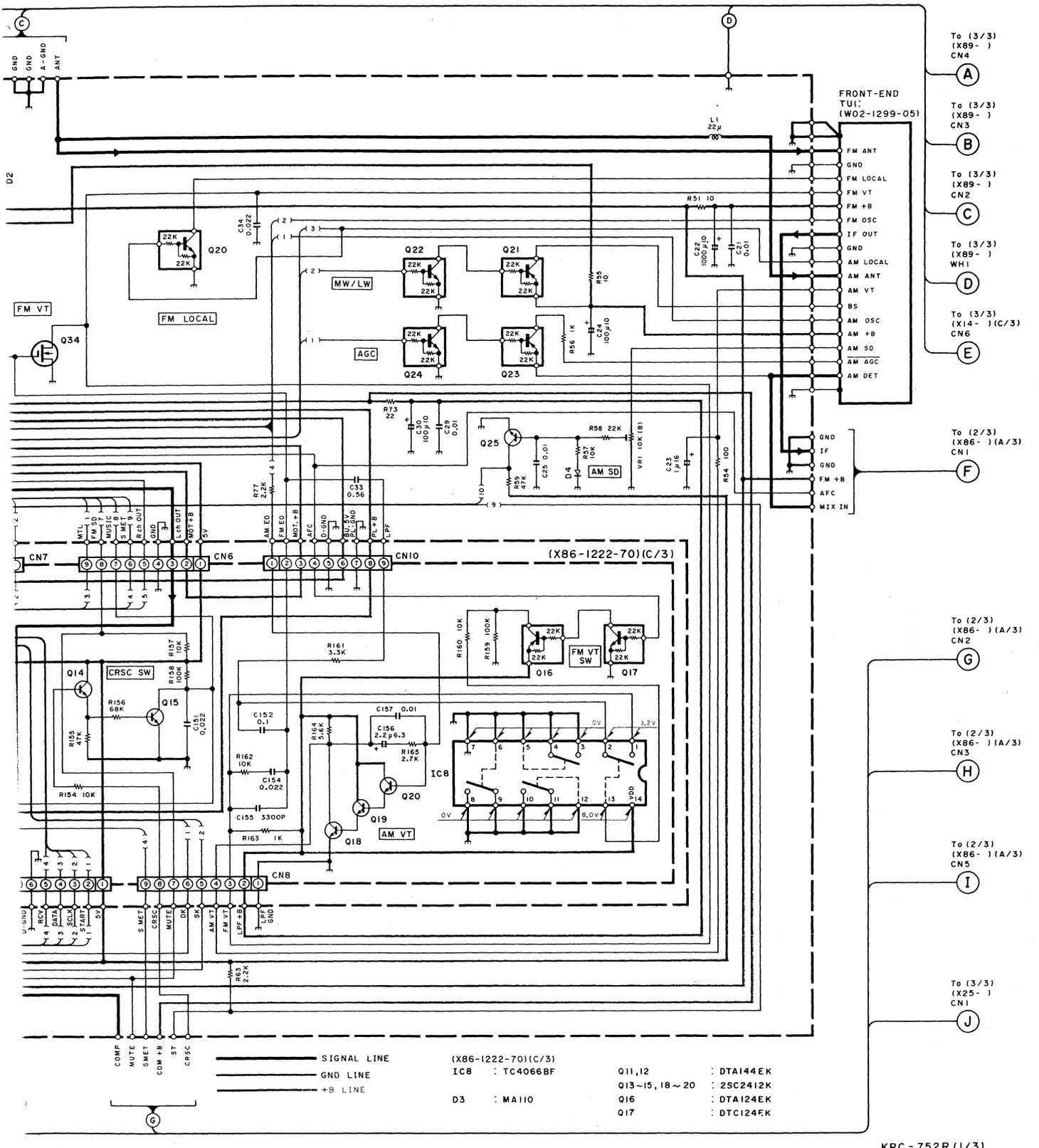


CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.



KRC-752R (1/3)

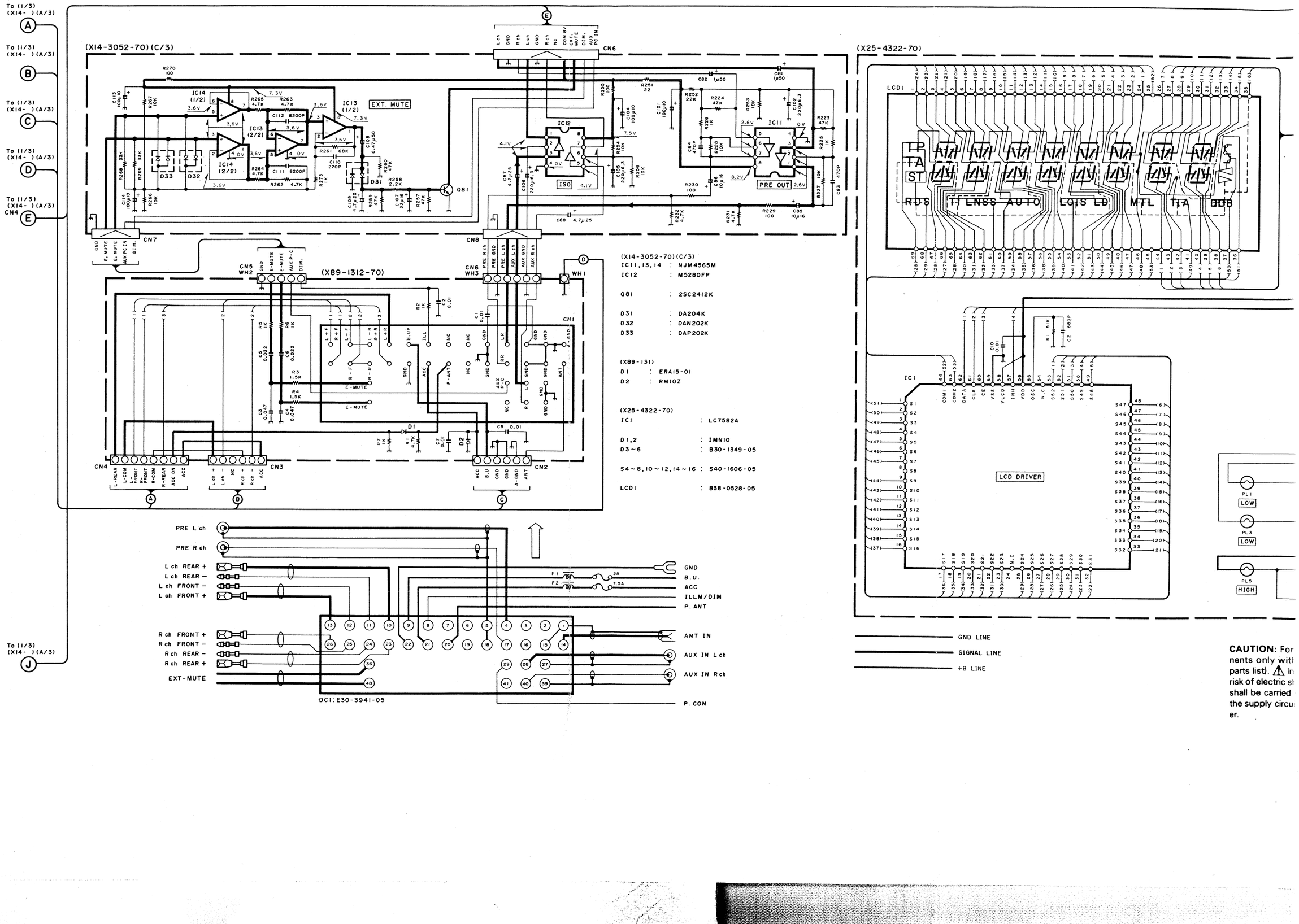
voltages are as measured with a high impedance voltme-
. Values may vary slightly due to variations between indi-
lual instruments or/and units.

s tensions c.c. doivent être mesurées avec un voltmètre à
ute impédance. Les valeurs peuvent différer légèrement du
t des variations inhérentes aux appareils et aux instruments
mesure individuels.

e angegebenen Gleichspannungswerte wurden mit einem
chohmigen Spannungsmesser gemessen. Dabei schwan-
n die Meßwerte aufgrund von Unterschieden zwischen ein-
nen Instrumenten oder Geräten u. U. geringfügig.

KRC-752R

KENWOOD



(X14-3052-70)(C/3)

IC11,13,14	:	NJM4565M
IC12	:	M5280FP
Q81	:	2SC2412K
D31	:	DA204K
D32	:	DAN202K
D33	:	DAP202K

(X89-131)

D1	:	ERA15-01
D2	:	RM10Z

(X25-4322-70)

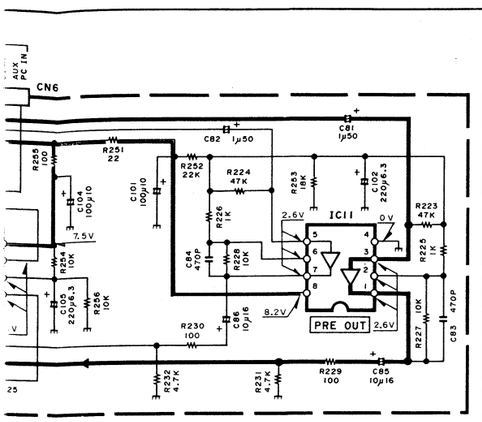
IC1	:	LC7582A
D1,2	:	IMN10
D3~6	:	B30-1349-05
S4~8,10~12,14~16	:	S40-1606-05
LCD1	:	B38-0528-05

GND LINE

SIGNAL LINE

+B LINE

CAUTION: For
nents only with
parts list). ⚠ In
risk of electric sh
shall be carried
the supply circu
er.



(X14-3052-70)(C/3)

IC11,13,14	:	NJM4565M
IC12	:	M5280FP
Q81	:	2SC2412K
D31	:	DA204K
D32	:	DAN202K
D33	:	DAP202K

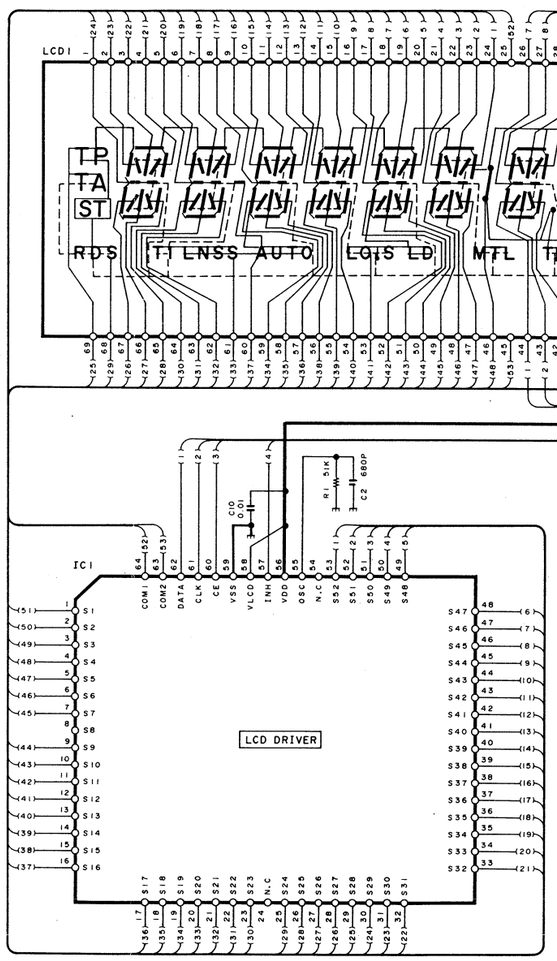
(X89-131)

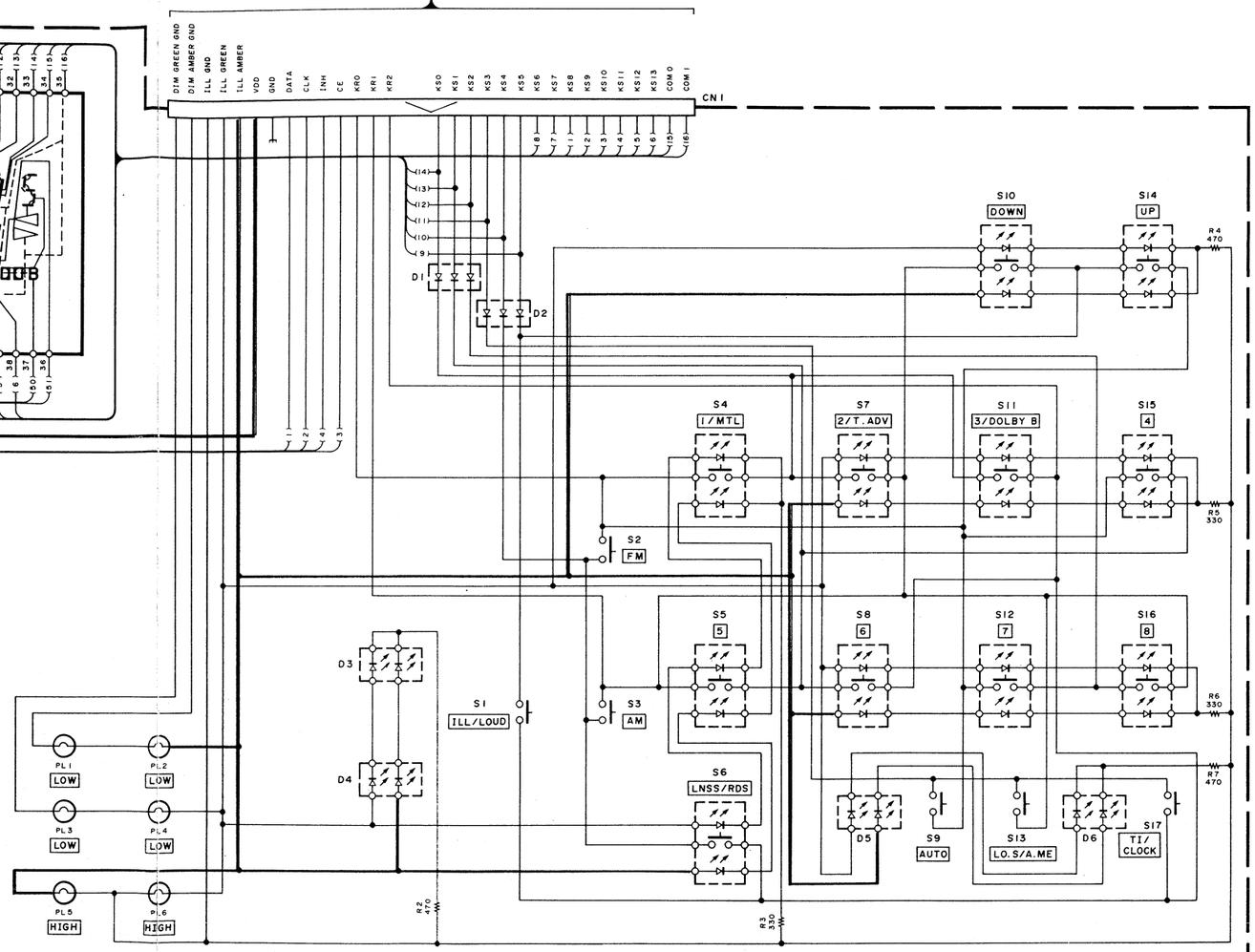
D1	:	ERA15-01
D2	:	RM10Z

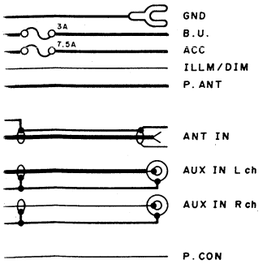
(X25-4322-70)

IC1	:	LC7582A
D1,2	:	IMN10
D3~6	:	B30-1349-05
S4~8,10~12,14~16	:	S40-1606-05
LCD1	:	B38-0528-05

(X25-4322-70)







GND LINE
SIGNAL LINE
+B LINE

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

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Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

KRC-752R

KENWOOD

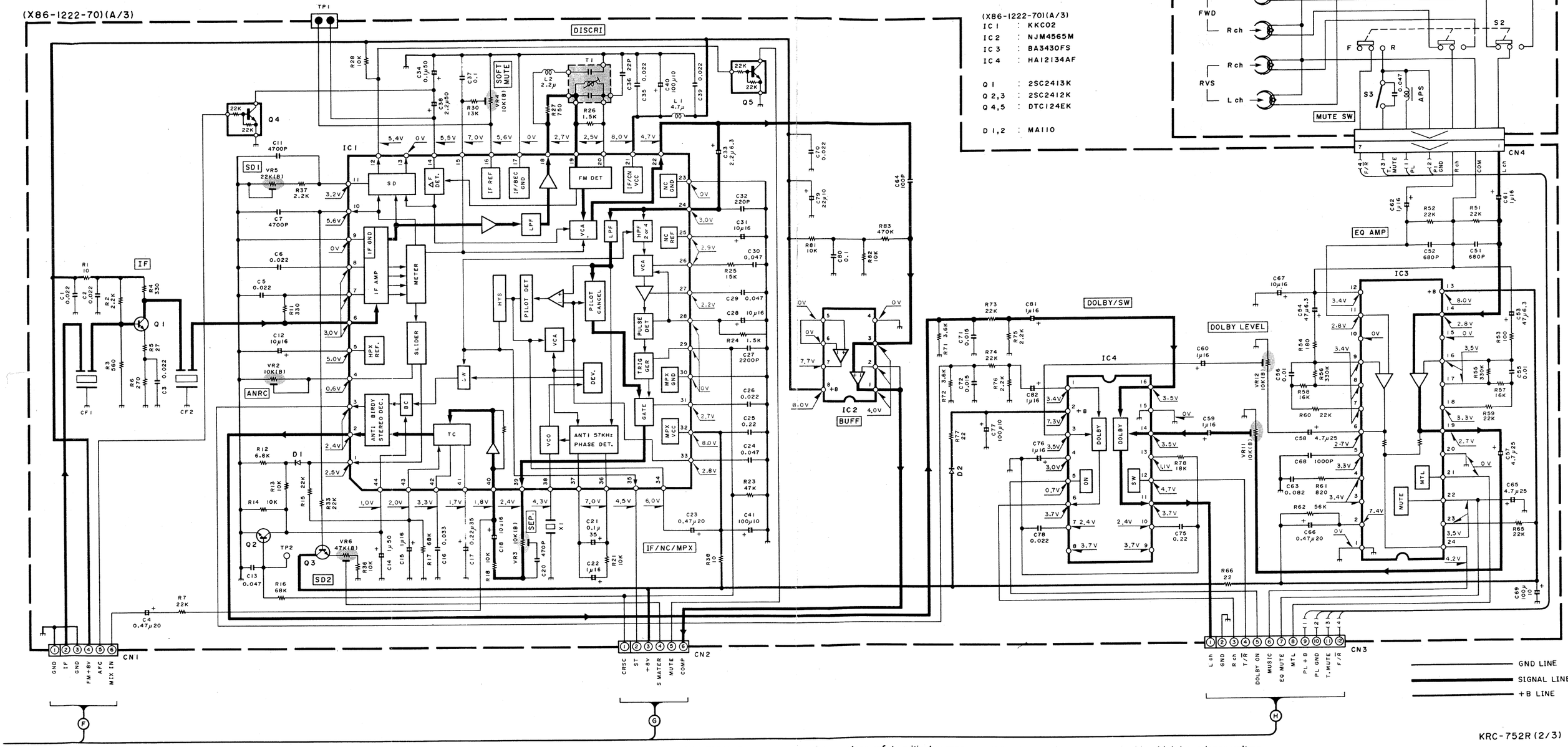
(X86-1222-70)(A/3)

(X86-1222-70)(A/3)
IC1 : KKC02
IC2 : NJM4565M
IC3 : BA3430FS
IC4 : HA12134AF

Q1 : 2SC2413K
Q2,3 : 2SC2412K
Q4,5 : DTC124EK

D1,2 : MA110

(D40-1019-05)(1/2)



KRC-752R (2/3)

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DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

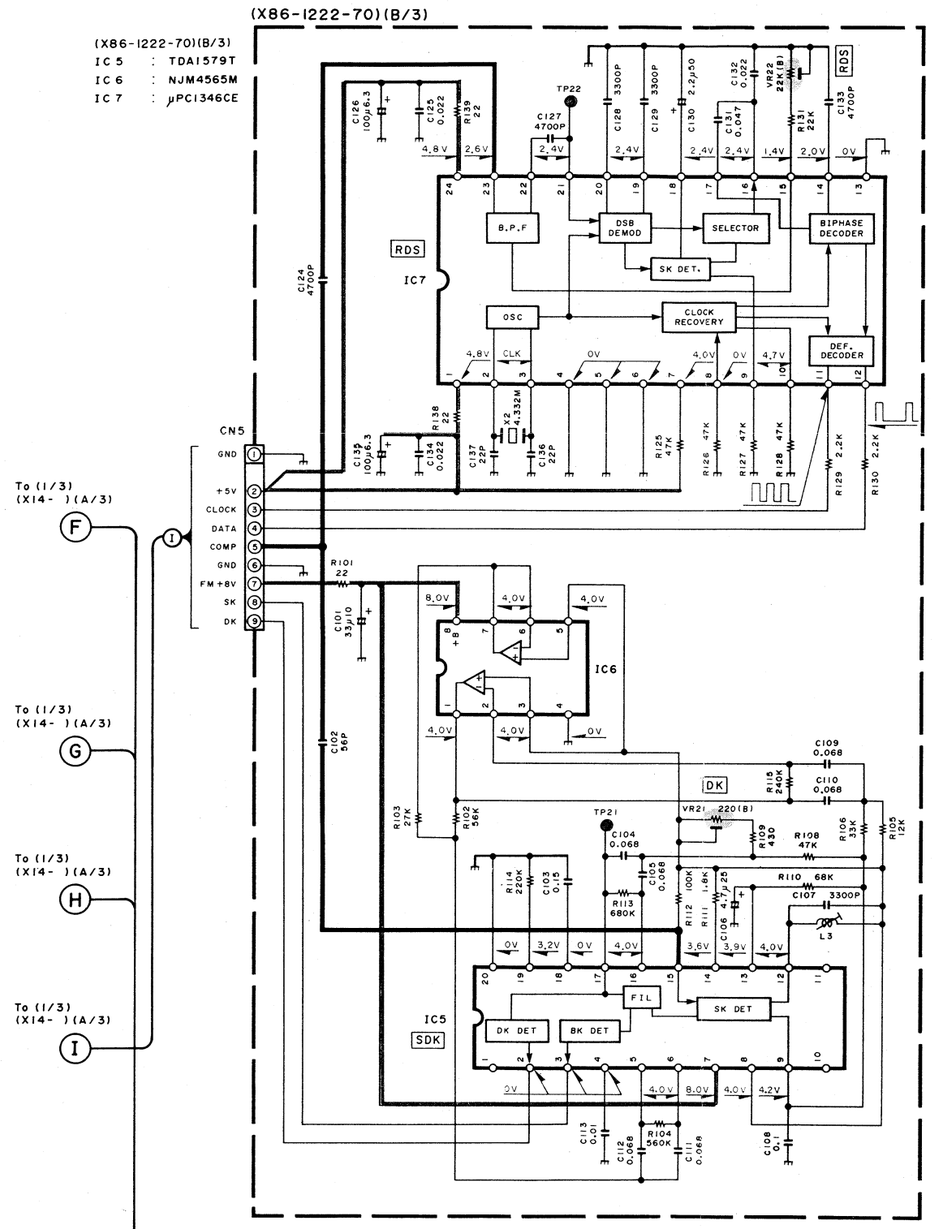
Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

KRC-752R

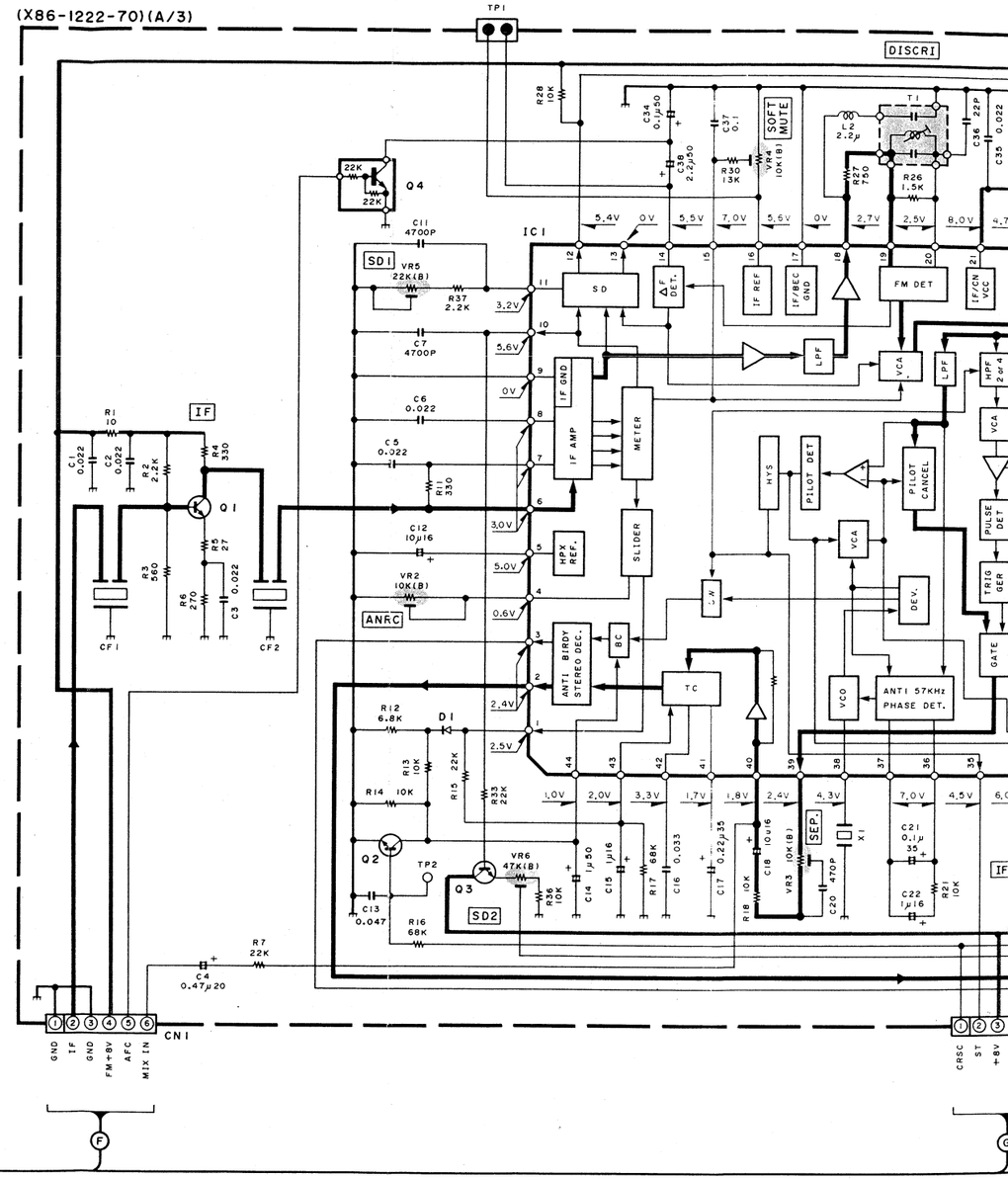
KENWOOD

(X86-1222-70)(B/3)

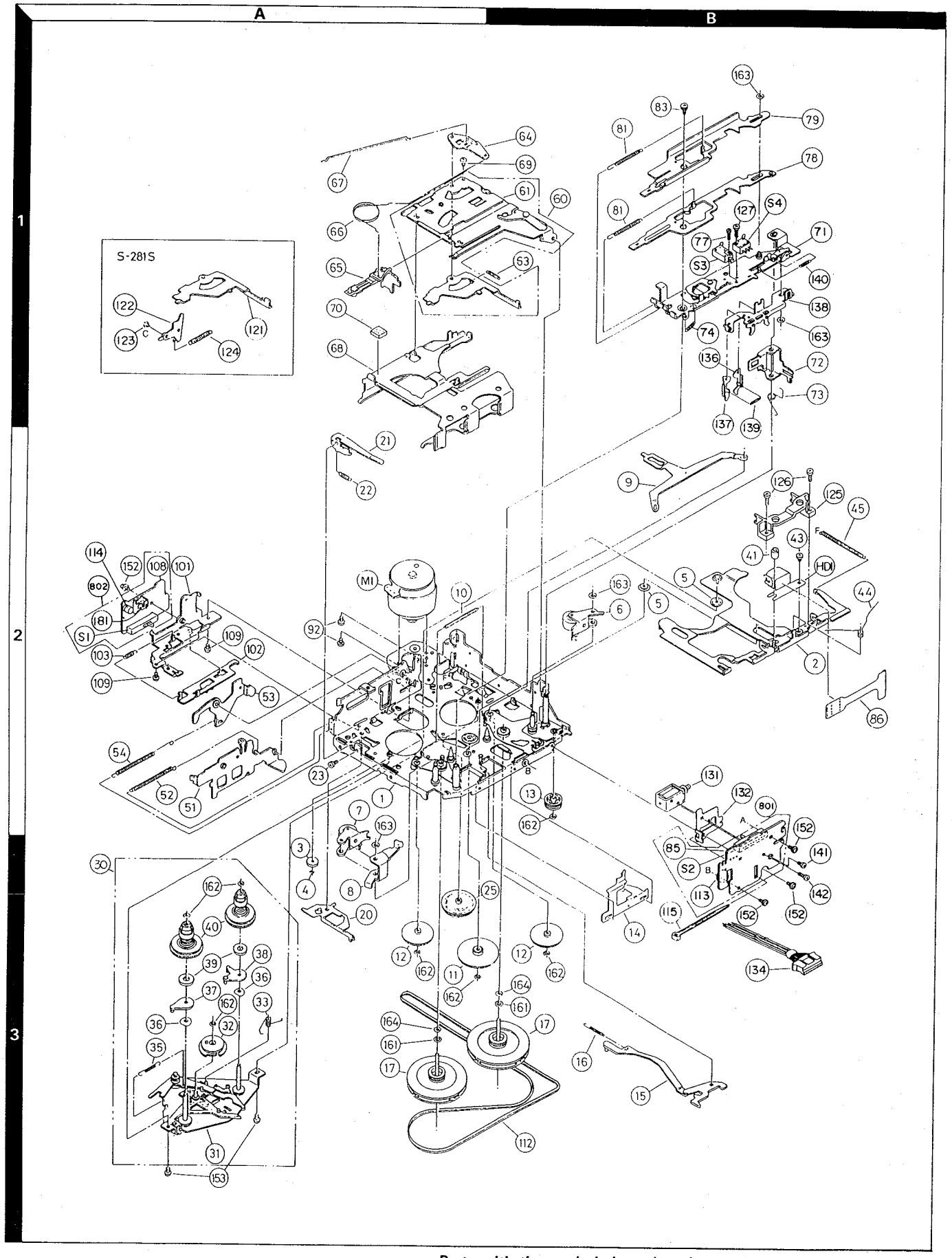
(X86-1222-70)(B/3)
IC 5 : TDA1579T
IC 6 : NJM4565M
IC 7 : μPC1346CE



(X86-1222-70)(A/3)

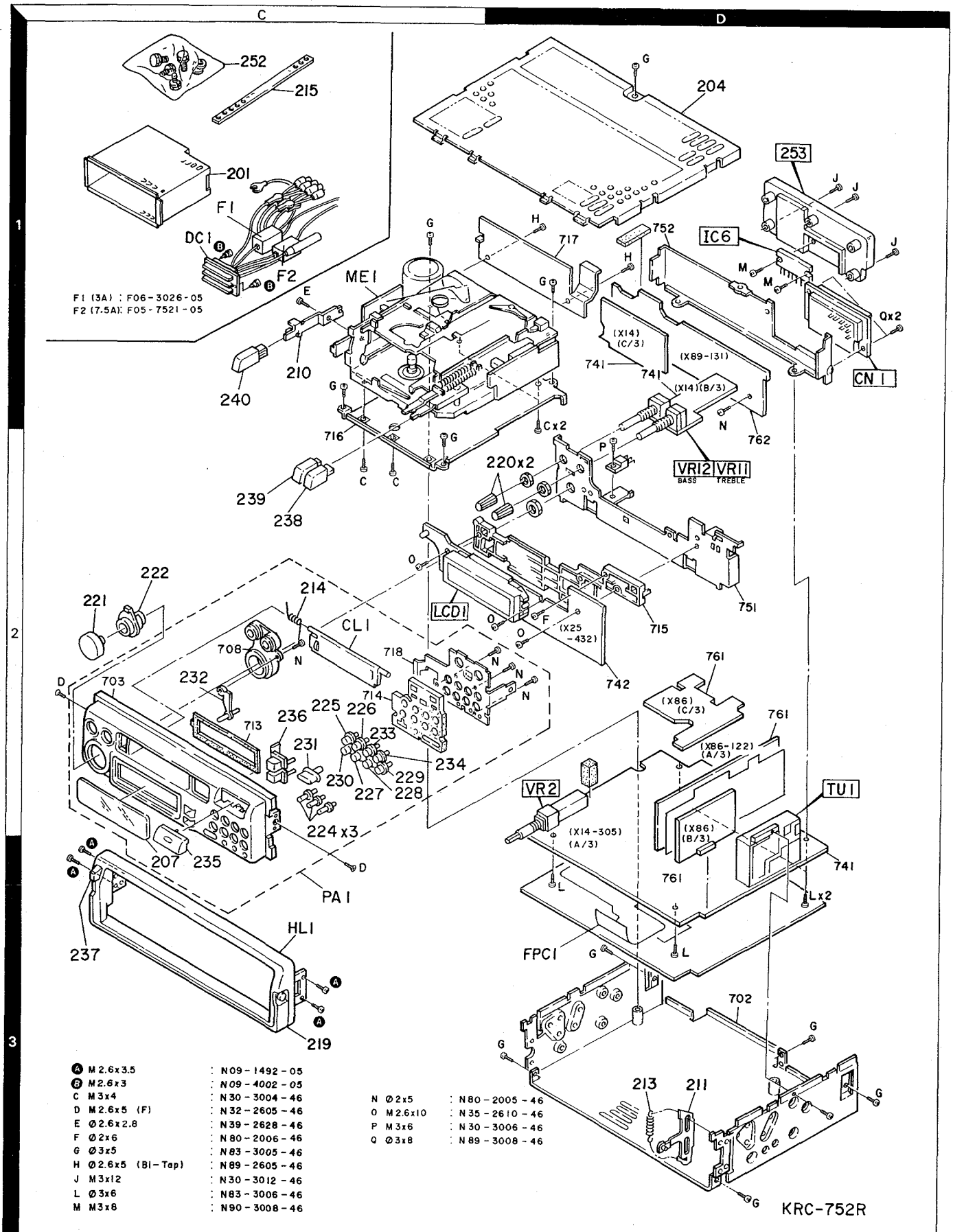


EXPLODED VIEW (MECHANISM)



Parts with the exploded numbers larger than 700 are not supplied.

EXPLODED VIEW (UNIT)



A	M2.6x3.5	: N09-1492-05
B	M2.6x3	: N09-4002-05
C	M3x4	: N30-3004-46
D	M2.6x5 (F)	: N32-2605-46
E	Ø2.6x2.8	: N39-2628-46
F	Ø2x6	: N80-2006-46
G	Ø3x5	: N83-3005-46
H	Ø2.6x5 (Bi-Tap)	: N89-2605-46
J	M3x12	: N30-3012-46
L	Ø3x6	: N83-3006-46
M	M3x8	: N90-3008-46
N	Ø2x5	: N80-2005-46
O	M2.6x10	: N35-2610-46
P	M3x6	: N30-3006-46
Q	Ø3x8	: N89-3008-46

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			KRC-752R			
201	1C		A01-2508-31	METALLIC CABINET		
204	1D		A52-0625-02	TOP COVER		
CL1	2C	*	A53-1525-03	CASSETTE LID		
PA1	2C	*	A20-7619-02	PANEL ASSY		
207	2C	*	B10-1384-03	FRONT GLASS		
-			B44-6005-04	POS LABEL	E	
-			B44-6006-04	POS LABEL		
-			B44-6007-04	POS LABEL		
-			B46-0100-20	WARRANTY CARD		
-			B46-0182-04	ID CARD	E	
-		*	B64-0091-00	INSTRUCTION MANUAL		
HL1	3C	*	B07-2014-42	ESCUTCHEON ASSY		
210	1C		D10-2522-14	LEVER (EJECT)		
211	3D		D10-2549-14	LEVER		
-			D10-2550-04	LEVER		
ME1	1D	*	D40-1019-05	CASSETTE MECHANISM ASSY		
DC1	1C	*	E30-3941-05	CONNECTOR ASSY		
-			F07-1007-05	COVER (DC1)		
213	3D		G01-2040-04	EXTENSION SPRING		
214	2C		G01-2371-04	TORSION COIL SPRING		
-		*	G11-1445-04	CUSHION		
-		*	G11-1473-04	CUSHION		
-			G11-1474-04	CUSHION		
-			G11-1475-04	CUSHION		
-		*	H01-9217-04	ITEM CARTON CASE		
-		*	H03-3251-04	OUTER CARTON CASE		
-			H10-4322-23	POLYSTYRENE FOAMED FIXTURE		
-			H25-0329-04	PROTECTION BAG (280X450X0.03)		
-			H25-0336-04	PROTECTION BAG (170X250X0.03)		
215	1C		J54-0059-04	STAY		
FPC1	3D	*	J84-0010-02	FLEXIBLE PRINTED WIRING BOARD		
219	1C		K01-0601-03	HANDLE		
220	2D		K23-1003-04	KNOB (TONE)		
221	2C		K23-1007-03	KNOB (VOL)		
222	2C		K23-1008-03	KNOB (FAD)		
224	2C	*	K24-0576-14	KNOB (AUTO)		
225	2C		K24-0579-03	KNOB (1)		
226	2C		K24-0580-03	KNOB (2)		
227	2C		K24-0584-03	KNOB (6)		
228	2C		K24-0585-03	KNOB (7)		
229	2C		K24-0586-03	KNOB (8)		
230	2C		K24-0587-03	KNOB (5)		
231	2C	*	K24-0762-04	KNOB (RDS)		
232	2C	*	K24-0763-04	KNOB (LOUD)		
233	2C	*	K24-0818-03	KNOB (3)		
234	2C	*	K24-0819-03	KNOB (4)		
235	2C		K25-0539-23	KNOB (TUN)		
236	2C	*	K25-0563-04	KNOB (AM,FM)		
237	3C		K27-3510-04	KNOB (LEVER)		
238	2C		K27-3518-04	KNOB (BUTTON)(FF)		

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239	2C		K27-3519-04	KNOB (BUTTON)(REW)		
240	1C		K27-3520-04	KNOB (BUTTON)(EJECT)		
252	1C		N99-0278-15	SCREW SET		
-			N32-2008-45	FLAT HEAD MACHIN SCREW		
-			N80-2006-46	PAN HEAD TAPTITE SCREW		
A			N09-1492-05	MACHINE SCREW (2.6X3.5)		
B			N09-4002-05	STEPPED SCREW (M2.6X3)		
C			N30-3004-46	PAN HEAD MACHIN SCREW		
D			N32-2605-46	FLAT HEAD MACHIN SCREW		
E			N39-2628-46	PAN HEAD MACHIN SCREW		
F			N80-2005-46	PAN HEAD TAPTITE SCREW		
G			N83-3005-46	PAN HEAD TAPTITE SCREW		
H			N89-2605-46	BINDING HEAD TAPTITE SCREW		
Ø			N35-2610-46	BINDING HEAD MACHIN SCREW		
SYNTHESIZER UNIT (X14-3052-70)						
C1 ,2			CK73EF1E334Z	CHIP C 0.33UF Z		
C3 ,4			C90-2524-05	ELECTRO 4.7UF 16WV		
C5 ,6			C90-2552-05	ELECTRO 47UF 16WV		
C7 -10			CK73EB1E104K	CHIP C 0.10UF K		
C11 ,12			CK73FB1H272K	CHIP C 2700PF K		
C21			CK73FB1H103K	CHIP C 0.010UF K		
C22			CE04DW1A102M	ELECTRO 1000UF 10WV		
C23			C92-0004-05	ELECTRO 1.0UF 16WV		
C24			CE04CW1A101M	ELECTRO 100UF 10WV		
C25			CK73FB1H103K	CHIP C 0.010UF K		
C26			CE04CW1E100M	ELECTRO 10UF 25WV		
C27 ,28			C90-2537-05	ELECTRO 2200UF 16WV		
C29			CK73FB1H103K	CHIP C 0.010UF K		
C30			CE04CW1A101M	ELECTRO 100UF 10WV		
C31 ,32			CK73EB1H103K	CHIP C 0.01UF K		
C33		*	CF92V1H564J	MF 0.56UF J		
C34			CK73FB1H223KTA	CHIP C 0.022UF K		
C35 ,36			CE04CW1V4R7M	ELECTRO 4.7UF 35WV		
C37			CE04CW1A101M	ELECTRO 100UF 10WV		
C38			CK73FB1H103K	CHIP C 0.010UF K		
C39 -41			CE04CW1V4R7M	ELECTRO 4.7UF 35WV		
C42			CE04CW1A330M	ELECTRO 33UF 10WV		
C43			CE04CW1V4R7M	ELECTRO 4.7UF 35WV		
C44			CK73FB1H103K	CHIP C 0.010UF K		
C45		*	C90-2139-05	ELECTRO 33UF 16WV		
C46 ,47			CC73FCH1H220J	CHIP C 22PF J		
C48 ,49			CE04NW0J221M	ELECTRO 220UF 6.3WV		
C50			CK73FB1H103K	CHIP C 0.010UF K		
C51			C92-0004-05	ELECTRO 1.0UF 16WV		
C52			CE04CW1H3R3M	ELECTRO 3.3UF 50WV		
C53			CK73EB1E683K	CHIP C 0.068UF K		
C54			CK73EB1E104K	CHIP C 0.10UF K		
C55			CE04CW1V4R7M	ELECTRO 4.7UF 35WV		
C56			CE04CW1H2R2M	ELECTRO 2.2UF 50WV		
C57			CE04CW1E100M	ELECTRO 10UF 25WV		
C58			CK73FB1H103K	CHIP C 0.010UF K		
C59			CK73FB1E473KTA	CHIP C 0.047UF K		
C60			C90-2554-05	ELECTRO 10UF 16WV		
C61			CE04CW1A330M	ELECTRO 33UF 10WV		

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C62			C90-2563-05	ELECTRO 220UF 10WV		
C63			CK73EB1H103K	CHIP C 0.01UF K		
C64			CE04CW1A330M	ELECTRO 33UF 10WV		
C65			CE04DW1C101M	ELECTRO 100UF 16WV		
C81 ,82			C90-2558-05	ELECTRO 1UF 50WV		
C83 ,84			CK73FB1H471K	CHIP C 470PF K		
C85 ,86			C90-2554-05	ELECTRO 10UF 16WV		
C87 ,88		*	C90-2555-05	ELECTRO 4.7UF 25WV		
C101			C90-2550-05	ELECTRO 100UF 10WV		
C102			C90-2546-05	ELECTRO 220UF 6.3WV		
C104			C90-2550-05	ELECTRO 100UF 10WV		
C105,106			C90-2546-05	ELECTRO 220UF 6.3WV		
C107		*	C90-2553-05	ELECTRO 22UF 6.3WV		
C108		*	C90-2559-05	ELECTRO 0.47UF 50WV		
C109		*	C90-2555-05	ELECTRO 4.7UF 25WV		
C110			CC73FCH1H221J	CHIP C 220PF J		
C111			CK73EB1H822K	CHIP C 8200PF K		
C112			CK73FB1H822K	CHIP C 8200PF K		
C113,114			C90-2550-05	ELECTRO 100UF 10WV		
C131,132			CK73FB1H182K	CHIP C 1800PF K		
C133,134			CK73FB1H223KTA	CHIP C 0.022UF K		
C135,136			CK73FB1H182K	CHIP C 1800PF K		
C137,138			CE04MW1C100M	ELECTRO 10UF 16WV		
C139,140			CC73FCH1H470J	CHIP C 47PF J		
C141,142			CE04MW1C100M	ELECTRO 10UF 16WV		
C151,152			CE04DW1C470M	ELECTRO 47UF 16WV		
253	1D		F01-1361-03	HEAT SINK		
L1		*	L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)		
L2			L40-1011-17	SMALL FIXED INDUCTOR		
X1			L78-0503-05	RESONATOR (4.00MHZ)		
X2			L77-1163-05	CRYSTAL RESONATOR		
J			N30-3012-46	PAN HEAD MACHIN SCREW		
L			N83-3006-46	PAN HEAD TAPTITE SCREW		
M			N90-3008-46	TP HEAD MACHINE SCREW		
P			N30-3006-46	PAN HEAD MACHIN SCREW		
Q			N89-3008-46	BINDING HEAD TAPTITE SCREW		
R1 ,2			RK73FB2A152J	CHIP R 1.5K J 1/10W		
R3 ,4			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R5 ,6			RK73FB2A132J	CHIP R 1.3K J 1/10W		
R7 ,8			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R9 ,10			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R11 ,12			RK73EB2B472J	CHIP R 4.7K J 1/8W		
R13 -16			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R17 ,18			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R19 ,20			RK73FB2A100J	CHIP R 10 J 1/10W		
R21 ,22			RK73FB2A683J	CHIP R 68K J 1/10W		
R23 -26			RK73EB2B2R2J	CHIP R 2.2 J 1/8W		
R27 ,28			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R29 ,30			RK73FB2A122J	CHIP R 1.2K J 1/10W		
R51			RK73FB2A100J	CHIP R 10 J 1/10W		
R52			RK73FB2A103J	CHIP R 10K J 1/10W		
R53			RK73FB2A561J	CHIP R 560 J 1/10W		
R54			RK73EB2B101J	CHIP R 100 J 1/8W		

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R55			RK73FB2A100J	CHIP R 10 J 1/10W		
R56			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R57			RK73FB2A103J	CHIP R 10K J 1/10W		
R58			RK73FB2A223J	CHIP R 22K J 1/10W		
R59 ,60			RK73FB2A473J	CHIP R 47K J 1/10W		
R62			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R63			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R66 ,67			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R68			RK73FB2A220J	CHIP R 22 J 1/10W		
R72			RK73FB2A561J	CHIP R 560 J 1/10W		
R73			RK73FB2A220J	CHIP R 22 J 1/10W		
R77			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R78 -81			RK73EB2B222J	CHIP R 2.2K J 1/8W		
R82			RK73EB2B472J	CHIP R 4.7K J 1/8W		
R83			RK73EB2B223J	CHIP R 22K J 1/8W		
R84 ,85			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R86			RK73EB2B222J	CHIP R 2.2K J 1/8W		
R87 -90			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R91			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R92 -95			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R96 ,97			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R98 ,99			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R100-116			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R118-129			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R130			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R131			RK73EB2B103J	CHIP R 10K J 1/8W		
R132-134			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R135,136			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R137,138			RK73FB2A223J	CHIP R 22K J 1/10W		
R139			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R140			RK73EB2B222J	CHIP R 2.2K J 1/8W		
R141			RK73EB2B103J	CHIP R 10K J 1/8W		
R142			RK73FB2A223J	CHIP R 22K J 1/10W		
R143,144			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R145			RK73EB2B222J	CHIP R 2.2K J 1/8W		
R146,147			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R148			RK73FB2A103J	CHIP R 10K J 1/10W		
R149,150			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R151			RK73FB2A113J	CHIP R 11K J 1/10W		
R152			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R153			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R154			RK73FB2A223J	CHIP R 22K J 1/10W		
R157			RD14DB2H330J	SMALL-RD 33 J 1/2W		
R158			RD14DB2H220J	SMALL-RD 22 J 1/2W		
R163			RK73EB2B103J	CHIP R 10K J 1/8W		
R165			R92-0366-05	CHIP R 560 J 1W		
R166			RK73EB2B223J	CHIP R 22K J 1/8W		
R169			RK73EB2B223J	CHIP R 22K J 1/8W		
R170			RK73FB2A223J	CHIP R 22K J 1/10W		
R171			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R172			RK73FB2A473J	CHIP R 47K J 1/10W		
R173			RK73FB2A223J	CHIP R 22K J 1/10W		
R175			RK73FB2A223J	CHIP R 22K J 1/10W		
R178,179			RK73FB2A473J	CHIP R 47K J 1/10W		
R180			RK73FB2A472J	CHIP R 4.7K J 1/10W		

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R181-186			RK73FB2A473J	CHIP R 47K J 1/10W		
R189,190			RK73FB2A473J	CHIP R 47K J 1/10W		
R191,192			RK73FB2A223J	CHIP R 22K J 1/10W		
R193			RK73FB2A333J	CHIP R 33K J 1/10W		
R194			RK73FB2A103J	CHIP R 10K J 1/10W		
R195			RK73EB2B222J	CHIP R 2.2K J 1/8W		
R196			RK73FB2A103J	CHIP R 10K J 1/10W		
R197			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R198			RK73FB2A152J	CHIP R 1.5K J 1/10W		
R199			R92-2021-05	CHIP R 2.2 J 1/2W		
R200			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R201,202			RK73FB2A473J	CHIP R 47K J 1/10W		
R204			RK73FB2A333J	CHIP R 33K J 1/10W		
R205			RK73FB2A103J	CHIP R 10K J 1/10W		
R206			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R207			RK73FB2A122J	CHIP R 1.2K J 1/10W		
R223,224			RK73FB2A473J	CHIP R 47K J 1/10W		
R225,226			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R228			RK73FB2A103J	CHIP R 10K J 1/10W		
R229,230			RK73FB2A101J	CHIP R 100 J 1/10W		
R231,232			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R252			RK73FB2A223J	CHIP R 22K J 1/10W		
R253			RK73FB2A183J	CHIP R 18K J 1/10W		
R254			RK73FB2A103J	CHIP R 10K J 1/10W		
R256			RK73FB2A103J	CHIP R 10K J 1/10W		
R257			RK73FB2A473J	CHIP R 47K J 1/10W		
R258			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R259,260			RK73FB2A473J	CHIP R 47K J 1/10W		
R261			RK73FB2A683J	CHIP R 68K J 1/10W		
R262			RK73EB2B472J	CHIP R 4.7K J 1/8W		
R263,264			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R265			RK73EB2B472J	CHIP R 4.7K J 1/8W		
R266			RK73FB2A103J	CHIP R 10K J 1/10W		
R267			RK73EB2B103J	CHIP R 10K J 1/8W		
R268,269			RK73FB2A333J	CHIP R 33K J 1/10W		
R273			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R301,302			RK73FB2A183J	CHIP R 18K J 1/10W		
R303			RK73EB2B512J	CHIP R 5.1K J 1/8W		
R304			RK73FB2A512J	CHIP R 5.1K J 1/10W		
R305,306			RK73EB2B512J	CHIP R 5.1K J 1/8W		
R307,308			RK73FB2A101J	CHIP R 100 J 1/10W		
R309			RK73FB2A183J	CHIP R 18K J 1/10W		
R310			RK73EB2B183J	CHIP R 18K J 1/8W		
R311			RK73FB2A103J	CHIP R 10K J 1/10W		
R312			RK73EB2B103J	CHIP R 10K J 1/8W		
R331,332			RK73FB2A472J	CHIP R 4.7K J 1/10W		
VR1			R12-3685-05	TRIMMING POT.(10K)		
VR2	2D		R24-3646-05	POTENTIOMETER(80X1,20KX3)(VOL)		
VR11,12	2D		R10-4031-15	POTENTIOMETER (TONE)		
W151,152			R92-2052-05	JUMPER WIRE (RESISTOR TYPE)		
W154-158			R92-2052-05	JUMPER WIRE (RESISTOR TYPE)		
W161,162			R92-2052-05	JUMPER WIRE (RESISTOR TYPE)		
W164-167			R92-2052-05	JUMPER WIRE (RESISTOR TYPE)		
W202-249			R92-2053-05	JUMPER WIRE (RESISTOR TYPE)		
W301,302			R92-2053-05	JUMPER WIRE (RESISTOR TYPE)		

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D2 ,3			ERA15-01Y1	DIODE		
D4 -6			MA110	DIODE		
D4 -6			1SS332	DIODE		
D7			DAP202K	DIODE		
D8			MA8068-M	ZENER DIODE		
D10			MA110	DIODE		
D10			1SS332	DIODE		
D11			MA8068-M	ZENER DIODE		
D12			DAP202K	DIODE		
D13			MA110	DIODE		
D13			1SS332	DIODE		
D14 -16			DAN202K	DIODE		
D17		*	MA8110-L	ZENER DIODE		
D18			DAP202K	DIODE		
D19 ,20			DAN202K	DIODE		
D22			ERA15-01Y1	DIODE		
D31			DA204K	DIODE		
D32			DAN202K	DIODE		
D33			DAP202K	DIODE		
IC1		*	LC6543H-4600	IC		
IC2			BA3906-V1	IC		
IC3		*	17005GF-566-3B9	IC		
IC4			TC4066BF	IC(BILATERAL SWITCH X4)		
IC5		*	S-2914AI10	IC		
IC6			TA8215H	IC		
IC11			NJM4565M	IC		
IC12			M5280FP	IC		
IC13,14			NJM4565M	IC		
IC21			NJM4565L	IC		
Q1 -6			2SD1757K	TRANSISTOR		
Q7 ,8			2SK433(D,E)	FET		
Q20			DTC124EK	DIGITAL TRANSISTOR		
Q21			DTA124EK	DIGITAL TRANSISTOR		
Q22			DTC124EK	DIGITAL TRANSISTOR		
Q23			DTA124EK	DIGITAL TRANSISTOR		
Q24			DTC124EK	DIGITAL TRANSISTOR		
Q25			2SC2412K	TRANSISTOR		
Q31			DTC144EK	DIGITAL TRANSISTOR		
Q32			DTC124EK	DIGITAL TRANSISTOR		
Q33			DTA124EK	DIGITAL TRANSISTOR		
Q34			2SK669	FET		
Q40			DTC114EK	DIGITAL TRANSISTOR		
Q41			2SA1428	TRANSISTOR		
Q42			DTC124EK	DIGITAL TRANSISTOR		
Q43			DTA124EK	DIGITAL TRANSISTOR		
Q44			DTC124EK	DIGITAL TRANSISTOR		
Q45			DTA124EK	DIGITAL TRANSISTOR		
Q46			2SC2412K	TRANSISTOR		
Q47			DTC124EK	DIGITAL TRANSISTOR		
Q48			2SB822F	TRANSISTOR		
Q49			2SA1037K	TRANSISTOR		
Q50			DTA124EK	DIGITAL TRANSISTOR		
Q51			2SC2412K	TRANSISTOR		
Q52 ,53			DTC144EK	DIGITAL TRANSISTOR		
Q54 ,55			DTC124EK	DIGITAL TRANSISTOR		

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Q56 ,57			DTD123YK	DIGITAL TRANSISTOR		
Q58			2SB822F	TRANSISTOR		
Q59			DTC144EK	DIGITAL TRANSISTOR		
Q60			2SB822F	TRANSISTOR		
Q61 -63			DTC144EK	DIGITAL TRANSISTOR		
Q64			DTA114EK	DIGITAL TRANSISTOR		
Q65			2SC2412K	TRANSISTOR		
Q66		*	2SB1370F8	TRANSISTOR		
Q67			DTA144EK	DIGITAL TRANSISTOR		
Q68			DTC144EK	DIGITAL TRANSISTOR		
Q69			2SA1037K	TRANSISTOR		
Q70			DTA124EK	DIGITAL TRANSISTOR		
Q71 ,72			2SA1037K	TRANSISTOR		
Q73			DTC124EK	DIGITAL TRANSISTOR		
Q74			2SA1428	TRANSISTOR		
Q75			DTC114EK	DIGITAL TRANSISTOR		
Q81			2SC2412K	TRANSISTOR		
TU1	3D	*	W02-1299-05	TUNER ASSY		
SWITCH UNIT (X25-4322-70)						
-		*	B11-0828-04	OPTICAL DIFFUSER (LCD)		
-		*	B19-0867-03	LIGHTING BOARD (LCD)		
D3 -6			B30-1349-05	LED		
LCD1	2C	*	B38-0528-05	LIQUID CRYSTAL		
PL1 ,2			B30-1346-05	LAMP (5.5V.125A AMB)		
PL3 ,4			B30-1353-05	LAMP (5.5V,125MA)		
PL5			B30-1332-05	LAMP (12V .06A,AMB)		
PL6			B30-1331-05	LAMP (12V .06A,GRN)		
C1			CK73FB1H103K	CHIP C 0.010UF K		
C2			CK73FB1H681K	CHIP C 680PF K		
-		*	E29-1339-04	CONDUCTIVE RUBBER (LCD)		
-		*	J19-4401-03	HOLDER (LCD)		
R1			RK73FB2A513J	CHIP R 51K J 1/10W		
R2			RK73EB2B471J	CHIP R 470 J 1/8W		
R3			RK73FB2A331J	CHIP R 330 J 1/10W		
R4			RK73EB2B471J	CHIP R 470 J 1/8W		
R5 ,6			RK73FB2A331J	CHIP R 330 J 1/10W		
R7			RK73EB2B471J	CHIP R 470 J 1/8W		
S1			S40-1096-05	PUSH SWITCH		
S2 ,3			S40-1607-05	PUSH SWITCH		
S4 -8			S40-1606-05	PUSH SWITCH		
S9			S40-1096-05	PUSH SWITCH		
S10 -12			S40-1606-05	PUSH SWITCH		
S13			S40-1096-05	PUSH SWITCH		
S14 -16			S40-1606-05	PUSH SWITCH		
S17			S40-1096-05	PUSH SWITCH		
D1 ,2			IMN10	DIODE		
IC1			LC7582A	IC(LCD DRIVER)		
TUNER UNIT (X86-1222-70)						
C1 -3			CK73FB1H223KTA	CHIP C 0.022UF K		
C4			C92-0003-05	CHIP TAN 0.47UF 25WV		

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C5 ,6			CK73EB1H223K	CHIP C 0.022UF K		
C7			CK73FB1H472K	CHIP C 4700PF K		
C11			CK73FB1H472K	CHIP C 4700PF K		
C12			CE04NW1C100M	ELECTRO 10UF 16WV		
C13			CK73FB1E473KTA	CHIP C 0.047UF K		
C14			CE04CW1H010M	ELECTRO 1.0UF 50WV		
C15			C92-0004-05	ELECTRO 1.0UF 16WV		
C16		*	CK73FB1E333KTA	CHIP C 0.033UF K		
C17			C92-0002-05	CHIP TAN 0.22UF 35WV		
C18			CE04CW1C100M	ELECTRO 10UF 16WV		
C20			CK73FB1H471K	CHIP C 470PF K		
C21			C92-0001-05	CHIP TAN 0.1UF 35WV		
C22			C92-0004-05	ELECTRO 1.0UF 16WV		
C23			C92-0003-05	CHIP TAN 0.47UF 25WV		
C24			CK73FB1E473KTA	CHIP C 0.047UF K		
C25 ,26			CK73FB1H223KTA	CHIP C 0.022UF K		
C27			CK73FB1H222K	CHIP C 2200PF K		
C28			CE04NW1C100M	ELECTRO 10UF 16WV		
C29 ,30			CK73FB1E473KTA	CHIP C 0.047UF K		
C31			CE04NW1C100M	ELECTRO 10UF 16WV		
C32			CK73FB1H221K	CHIP C 220PF K		
C33			C92-0005-05	ELECTRO 2.2UF 6.3WV		
C34			CE04NW1H0R1M	ELECTRO 0.1UF 50WV		
C35			CK73FB1H223KTA	CHIP C 0.022UF K		
C36			CC73FCH1H220J	CHIP C 22PF J		
C37			CK73EB1E104K	CHIP C 0.10UF K		
C38			CE04CW1H2R2M	ELECTRO 2.2UF 50WV		
C39			CK73FB1H223KTA	CHIP C 0.022UF K		
C40			CE04NW1A101M	ELECTRO 100UF 10WV		
C41			CE04NW1A101M	ELECTRO 100UF 10WV		
C51 ,52			CK73FB1H681K	CHIP C 680PF K		
C53 ,54			CE04CW0J470M	ELECTRO 47UF 6.3WV		
C55 ,56			CK73FB1H103K	CHIP C 0.010UF K		
C57 ,58			CE04NW1E4R7M	ELECTRO 4.7UF 25WV		
C59 -62			C92-0004-05	ELECTRO 1.0UF 16WV		
C63			CK73EB1H823K	CHIP C 0.082UF K		
C64			CC73FCH1H101J	CHIP C 100PF J		
C65			CE04CW1V4R7M	ELECTRO 4.7UF 35WV		
C66			C92-0003-05	CHIP TAN 0.47UF 25WV		
C67			CE04NW1C100M	ELECTRO 10UF 16WV		
C68			CK73FB1H102K	CHIP C 1000PF K		
C69			CE04NW1A101M	ELECTRO 100UF 10WV		
C70			CK73FB1H223KTA	CHIP C 0.022UF K		
C71 ,72			CK73FB1H153K	CHIP C 0.015UF K		
C75			C93-0025-05	CERAMIC 0.22UF K		
C76			C92-0004-05	ELECTRO 1.0UF 16WV		
C77			CE04CW1A101M	ELECTRO 100UF 10WV		
C78			C93-0025-05	CERAMIC 0.22UF K		
C79			CE04NW1A220M	ELECTRO 22UF 10WV		
C80			CK73EB1E104K	CHIP C 0.10UF K		
C81 ,82			C92-0004-05	ELECTRO 1.0UF 16WV		
C101			CE04NW1A330M	ELECTRO 33UF 10WV		
C102			CC73FCH1H560J	CHIP C 56PF J		
C103			C93-0024-05	CERAMIC 0.15UF 16WV		
C104,105			CF92FV1H683J	MF 0.068UF J		

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C106			CE04NW1E4R7M	ELECTRO 4.7UF 25WV		
C107			CQ93HP2A332J	MYLAR 3300PF J		
C108			CK73EB1E104K	CHIP C 0.10UF K		
C109-112			CK73EB1H683K	CHIP C 0.068UF K		
C113			CK73FB1H103K	CHIP C 0.010UF K		
C124			CK73FB1H472K	CHIP C 4700PF K		
C125			CK73FB1H223KTA	CHIP C 0.022UF K		
C126			CE04CW0J101M	ELECTRO 100UF 6.3WV		
C127			CK73FB1H472K	CHIP C 4700PF K		
C128,129			CK73FB1H332K	CHIP C 3300PF K		
C130			CE04CW1H2R2M	ELECTRO 2.2UF 50WV		
C131			CK73FB1E473KTA	CHIP C 0.047UF K		
C132			CK73FB1H223KTA	CHIP C 0.022UF K		
C133			CK73FB1H472K	CHIP C 4700PF K		
C134			CK73FB1H223KTA	CHIP C 0.022UF K		
C135			CE04CW0J101M	ELECTRO 100UF 6.3WV		
C136,137			CC73FCH1H220J	CHIP C 22PF J		
C151			CK73EB1H223K	CHIP C 0.022UF K		
C152		*	C93-1032-05	CERAMIC 0.1UF K		
C154		*	C93-1033-05	CERAMIC 0.022UF K		
C155		*	C93-1035-05	CERAMIC 3300PF K		
C156			C92-0005-05	ELECTRO 2.2UF 6.3WV		
C157		*	C93-1031-05	CERAMIC 0.01UF K		
CF1 ,2			L72-0523-05	CERAMIC FILTER		
L1			L40-4791-16	SMALL FIXED INDUCTOR(4.7UH,K)		
L2			L40-2291-16	SMALL FIXED INDUCTOR		
L3			L39-0156-05	TRAP COIL		
T1			L30-0711-05	FM IFT		
X1			L78-0506-05	RESONATOR		
X2			L77-2002-05	CRYSTAL RESONATOR(4.3320MHZ)		
R1			RK73EB2B100J	CHIP R 10 J 1/8W		
R2			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R3			RK73FB2A561J	CHIP R 560 J 1/10W		
R4			RK73FB2A331J	CHIP R 330 J 1/10W		
R5			RK73FB2A270J	CHIP R 27 J 1/10W		
R6			RK73FB2A271J	CHIP R 270 J 1/10W		
R7			RK73FB2A223J	CHIP R 22K J 1/10W		
R11			RK73EB2B331J	CHIP R 330 J 1/8W		
R12			RK73FB2A682J	CHIP R 6.8K J 1/10W		
R13 ,14			RK73FB2A103J	CHIP R 10K J 1/10W		
R15			RK73FB2A223J	CHIP R 22K J 1/10W		
R16 ,17			RK73FB2A683J	CHIP R 68K J 1/10W		
R18			RK73FB2A103J	CHIP R 10K J 1/10W		
R21			RK73FB2A103J	CHIP R 10K J 1/10W		
R23			RK73FB2A273J	CHIP R 27K J 1/10W		
R24			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R25			RK73FB2A153J	CHIP R 15K J 1/10W		
R26			RK73FB2A152J	CHIP R 1.5K J 1/10W		
R27			RK73FB2A751J	CHIP R 750 J 1/10W		
R28			RK73FB2A103J	CHIP R 10K J 1/10W		
R30			RK73FB2A133J	CHIP R 13K J 1/10W		
R33			RK73FB2A223J	CHIP R 22K J 1/10W		
R36			RK73FB2A103J	CHIP R 10K J 1/10W		
R37			RK73FB2A222J	CHIP R 2.2K J 1/10W		

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KRC-752R

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R38			RK73FB2A100J	CHIP R 10 J 1/10W		
R51 ,52			RK73FB2A223J	CHIP R 22K J 1/10W		
R53			RK73EB2B181J	CHIP R 180 J 1/8W		
R54			RK73FB2A181J	CHIP R 180 J 1/10W		
R55 ,56			RK73FB2A334J	CHIP R 330K J 1/10W		
R57 ,58			RK73FB2A163J	CHIP R 16K J 1/10W		
R59 ,60			RK73FB2A223J	CHIP R 22K J 1/10W		
R61			RK73FB2A821J	CHIP R 820 J 1/10W		
R62			RK73FB2A563J	CHIP R 56K J 1/10W		
R65			RK73FB2A223J	CHIP R 22K J 1/10W		
R66			RK73FB2A220J	CHIP R 22 J 1/10W		
R71 ,72			RK73FB2A362J	CHIP R 3.6K J 1/10W		
R73 ,74			RK73EB2B223J	CHIP R 22K J 1/8W		
R75 ,76			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R77			RK73FB2A220J	CHIP R 22 J 1/10W		
R78			RK73FB2A183J	CHIP R 18K J 1/10W		
R81 ,82			RK73FB2A103J	CHIP R 10K J 1/10W		
R83			RK73FB2A474J	CHIP R 470K J 1/10W		
R101			RK73FB2A220J	CHIP R 22 J 1/10W		
R102			RK73FB2A563J	CHIP R 56K J 1/10W		
R103			RK73FB2A273J	CHIP R 27K J 1/10W		
R104			RK73FB2A564J	CHIP R 560K J 1/10W		
R105			RK73FB2A123J	CHIP R 12K J 1/10W		
R106			RK73FB2A333J	CHIP R 33K J 1/10W		
R108			RK73FB2A473J	CHIP R 47K J 1/10W		
R109			RK73FB2A431J	CHIP R 430 J 1/10W		
R110			RK73FB2A683J	CHIP R 68K J 1/10W		
R111			RK73FB2A182J	CHIP R 1.8K J 1/10W		
R112			RK73FB2A104J	CHIP R 100K J 1/10W		
R113			RK73FB2A684J	CHIP R 680K J 1/10W		
R114			RK73FB2A224J	CHIP R 220K J 1/10W		
R115			RK73FB2A244J	CHIP R 240K J 1/10W		
R125			RK73EB2B473J	CHIP R 47K J 1/8W		
R126-128			RK73FB2A473J	CHIP R 47K J 1/10W		
R129,130			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R131			RK73FB2A223J	CHIP R 22K J 1/10W		
R138,139			RK73FB2A220J	CHIP R 22 J 1/10W		
R151			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R152			RK73FB2A223J	CHIP R 22K J 1/10W		
R153,154			RK73FB2A103J	CHIP R 10K J 1/10W		
R155			RK73FB2A473J	CHIP R 47K J 1/10W		
R156			RK73FB2A683J	CHIP R 68K J 1/10W		
R157			RK73FB2A103J	CHIP R 10K J 1/10W		
R158,159			RK73FB2A104J	CHIP R 100K J 1/10W		
R160			RK73FB2A103J	CHIP R 10K J 1/10W		
R161			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R162			RK73FB2A103J	CHIP R 10K J 1/10W		
R163			R92-0365-05	CHIP R 1K J 1/2W		
R164			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R165			RK73FB2A272J	CHIP R 2.7K J 1/10W		
R166,167			RK73FB2A223J	CHIP R 22K J 1/10W		
VR2			R12-3100-05	TRIMMING POT.(10K)		
VR3			R12-3071-05	TRIMMING POT.(10K)		
VR4			R12-3100-05	TRIMMING POT.(10K)		
VR5			R12-3686-05	TRIMMING POT.(22K)		

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⚠印 安全部品

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VR6			R12-3083-05	TRIMMING POT.(47K)		
VR11,12			R12-3100-05	TRIMMING POT.(10K)		
VR21			R12-0096-05	TRIMMING POT.(220)		
VR22			R12-3101-05	TRIMMING POT.(22K)		
D1 -3			MA110	DIODE		
IC1			KKC02	IC		
IC2			NJM4565M	IC		
IC3			BA3430FS	IC		
IC4			HA12134AF	IC		
IC5			TDA1579T	IC(DECODER)		
IC6			NJM4565M	IC		
IC7		*	UPC1346CE	IC		
IC8			TC4066BF	IC(BILATERAL SWITCH X4)		
Q1			2SC2413K	TRANSISTOR		
Q2 ,3			2SC2412K	TRANSISTOR		
Q4 ,5			DTC124EK	DIGITAL TRANSISTOR		
Q11 ,12			DTA144EK	DIGITAL TRANSISTOR		
Q13 -15			2SC2412K	TRANSISTOR		
Q16			DTA124EK	DIGITAL TRANSISTOR		
Q17			DTC124EK	DIGITAL TRANSISTOR		
Q18 -20			2SC2412K	TRANSISTOR		
DAUGHTER UNIT (X89-1312-70)						
C1			CK73EB1H103K	CHIP C 0.01UF K		
C2			CK73FB1H103K	CHIP C 0.010UF K		
C3 ,4			CK73EB1H473K	CHIP C 0.047UF K		
C5 ,6			CK73EB1H223K	CHIP C 0.022UF K		
C7 ,8			CK73FB1H103K	CHIP C 0.010UF K		
CN1		*	E58-0811-05	RECTANGULAR RECEPTACLE		
N	1D		N80-2005-46	PAN HEAD TAPTITE SCREW		
R1			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R2			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R3 ,4			RK73FB2A152J	CHIP R 1.5K J 1/10W		
R5 ,6			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R7			RD14DB2H102J	SMALL-RD 1.0K J 1/2W		
D1			ERA15-01	DIODE		
D2			RM10Z	DIODE		
CASSETTE MECHANISM ASS'Y (D40-1019-05)						
1	2A		A10-2089-08	CHASSIS CALKED ASSY		
2	2B		J21-7207-08	MOUNTING HARDWARE		
3	3A		D14-0616-08	ROLLER A		
4	3A		N24-3012-41	E TYPE RETAINING RING		
5	2B		D14-0617-08	ROLLER B		
6	2B		D14-0618-08	PINCH ROLLER F		
7	3A		D14-0619-08	PINCH ROLLER R		
8	3A		D10-2666-08	LEVER (FR CAM)		
9	2B		D10-2667-08	LEVER (PROGRAM)		
10	2A		G01-2560-08	TENSION SPRING		
11	3A		D13-1079-08	GEAR (IDLE)		
12	3A,3B		D13-1081-08	GEAR (TAKE UP)		
13	2B		D15-0908-08	PULLEY		
14	3B		D10-2668-08	LEVER		
15	3B		D10-2679-08	LEVER		

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16	3B		G01-2557-08	TENSION SPRING		
17	3A, 3B		D01-0603-08	FLYWHEEL		
20	3A		D10-2669-08	LEVER		
21	2A		D10-2670-08	LEVER (LOCK)		
22	2A		G01-2218-08	TENSION SPRING		
23	2A		N84-2004-45	SCREW (M2X4)		
25	3A		D13-1078-08	GEAR		
30	3A		A11-0848-08	SUB CHASSIS ASSY		
31	3A		A11-0847-08	SUB CHASSIS ASSY		
32	3A		D13-1077-08	GEAR (SWITCHING)		
33	3A		G01-2563-08	TORSION SPRING		
35	3A		G01-2570-08	TENSION SPRING		
36	3A		G02-0473-08	FLAT SPRING		
37	3A		D10-2645-08	LEVER		
38	3A		D10-2671-08	LEVER		
39	3A		G10-1012-08	FELT		
40	3A		D03-0305-08	REEL DISK		
41	2B		N14-0701-08	NUT		
43	2B		N30-2004-46	SCREW (M2X4)		
44	2B		G01-2573-08	TORSION SPRING		
45	2B		G01-2571-08	TENSION SPRING		
51	2A		D10-2672-08	LEVER (EJECT)		
52	2A		G01-2216-08	TENSION SPRING		
53	2A		D10-2673-08	ACTION ARM		
54	2A		G01-2217-08	TENSION SPRING		
60	1A, 1B		J19-4387-08	HOLDER		
61	1A		J19-4380-08	HOLDER		
63	1A		G01-2212-08	TENSION SPRING		
64	1A		D10-2130-08	LEVER (INV)		
65	1A		J90-0610-08	CASSETTE GUIDE		
66	1A		G01-2225-08	TORSION SPRING		
67	1A		G09-0093-08	SPRING		
68	1A		J19-2990-08	HOLDER		
69	1A		N39-2004-08	SCREW (M2X4)		
70	1A		G11-1308-08	CUSHION		
71	1B		J21-7252-08	MOUNTING HARDWARE		
72	1B		D10-2674-08	LEVER (RELEASE)		
73	1B		G01-2574-08	TORSION SPRING		
74	1B		G01-2556-08	TENSION SPRING		
77	1B		N39-1706-45	SCREW (M1.7X6)		
78	1B		D10-2675-08	LEVER (REW)		
79	1B		D10-2676-08	LEVER (FF)		
81	1B		G01-2572-08	TENSION SPRING		
83	1B		N09-4039-08	SCREW		
85	2B		J74-0081-08	PRINTED WIRING BOARD		
86	2B		J84-0009-08	PRINTED WIRING BOARD (FPC)		
92	2A		N39-2002-46	SCREW (M2X2)		
101	2A		J21-7205-08	MOUNTING HARDWARE		
102	2A		D10-2664-08	LEVER		
103	2A		G01-2567-08	TENSION SPRING		
108	2A	*	J74-0111-08	PRINTED WIRING BOARD		
109	2A		N30-2003-08	SCREW (M2X3)		
112	3A, 3B		D16-0605-08	BELT		
113	3A		C91-0692-05	CERAMIC 0.047UF M		
115	3B		J61-0081-05	WIRE BAND		

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121	1A		D10-2658-08	ARM		
122	1A		D10-2678-08	LEVER		
123	1A		J12-0647-08	PIN		
124	1A		G01-2562-08	TORSION SPRING		
125	2B		J90-0722-08	CASSETTE GUIDE		
126	2B		N09-4009-08	SCREW (M2X5)		
127	1B		N35-2006-46	SCREW (M2.6X6)		
131	2B		T94-0405-08	SOLENOID		
132	2B		J21-7251-08	MOUNTING HARDWARE		
134	3B	*	E31-8189-05	CONNECTING WIRE		
136	1B		D10-2685-08	LEVER		
137	1B		D10-2686-08	LEVER		
138	1B		D10-2687-08	LEVER		
139	1B		G01-2577-08	TENSION SP		
140	1B		G01-2578-08	TENSION SP		
141	3B		N39-2002-46	PAN HEAD MACHINE SCREW		
142	3B		N39-2003-46	PAN HEAD MACHINE SCREW		
152	2A, 2B		N90-2003-46	SCREW (M2X3)		
153	3A		N30-2603-46	SCREW (M2.6X3)		
161	3A, 3B		N19-1144-08	FLAT WASHER		
162	2B, 3A		N19-1134-08	FLAT WASHER		
163	2B		N19-1135-08	FLAT WASHER		
164	3A, 3B		N19-1137-08	FLAT WASHER		
181	2A		E40-9126-05	PIN CONNECTOR		
HD1	2B		T31-0207-08	PLAYBACK HEAD		
M1	2A		T42-0716-08	DC MOTOR ASSY		
S1	2A		S31-3633-08	SLIDE SWITCH		
S2	2B		S31-3634-08	SLIDE SWITCH		
S3	1B		S46-1606-08	LEAF SWITCH		
S4	1B		S46-1607-08	LEAF SWITCH		

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KRC-752R

SPECIFICATIONS

FM TUNER SECTION

Frequency Range	87.5 MHz—108.0 MHz
Usable Sensitivity	1.1 μV/75 ohms
Stereo Sensitivity (S/N=46 dB)	1.6 μV/75 ohms
Frequency Response (±4.5 dB)	30 Hz—15 kHz
Signal to Noise Ratio (IEC-A)	68 dB
Selectivity	70 dB
Stereo Separation (1 kHz)	35 dB
19 kHz Carrier Leakage	65 dB

MW TUNER SECTION

Frequency Range	531 kHz—1611 kHz
Usable Sensitivity	30 μV

LW TUNER SECTION

Frequency Range	153 kHz—281 kHz
Usable Sensitivity	60 μV

CASSETTE DECK SECTION

Tape Speed		4.76 cm/sec.
Wow & Flutter (WRMS)		0.12% WRMS
Fast Winding Time		100 sec. (C-60)
Frequency Response (+4 dB, —6 dB)		30 Hz—16 kHz (120 μs) 30 Hz—18 kHz (70 μs)
Stereo Separation (1 kHz)		40 dB
Signal to Noise Ratio (IEC-A)	NR OFF	53 dB
	Dolby-B	62 dB

AUDIO SECTION

Power Output		25 W × 2 Max Power Output or 15 W ×4 20 W × 2 into 4 ohms, 1 kHz at 10% THD 15 W × 2 into 4 ohms, 1 kHz at 1% THD
Tone Action	Bass	100 Hz ±10 dB
	Treble	10 kHz ±10 dB
Preout Level/Impedance		1000 mV (max)/180 ohms
AUX Input Level		1000 mV (max)

GENERAL

Operating Voltage	14.4 V (11-16 V allowable)
Current Consumption	6.0 A at Rated Power
Dimensions (W × H × D)	188 × 58 × 177 mm
Installation Size	182 × 52 × 159 mm
Weight	2000 g

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